1942



# CANADIAN MADE TOOL LINE

GRAY-BONNEY TOOL COMPANY, LIMITED

St. Clarens and Royce Avenues

TORONTO - ONTARIO - CANADA

CATALOGUE No. 46



"THE HOME OF GRAY-BONNEY TOOLS"

Toronto – Canada



### Gray-Bonney Guarantee

Every Gray-Bonney wrench and tool is guaranteed against defects due to faulty material or workmanship. For obvious reasons we cannot replace tools that have worn out due to long and continuous use.

We are frequently asked to replace ratchets which are slipping. This condition is usually due to an accumulation of dirt and grease, which can be remedied by soaking in light oil overnight. Should this not rectify the trouble, Nos. 603 and 98 are easily taken apart, and the worn or defective parts returned to us for replacement. In the event of trouble with No. 1497, it should be returned to your jobber, or to us direct, for free overhaul.

Please refer to notations on pages 28, 31, 36 and 38, regarding GUARANTEE ON IGNITION PLIERS, SCREW DRIVERS, NEON TUBES, PUNCHES AND CHISELS.

New tips for Soft Faced Hammers are listed on page 32 and it should be understood that worn out tips cannot be replaced free of charge.

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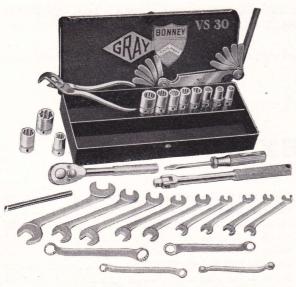
### Gray-Bonney 1/4" Square Drive Midget Wrench Sets

### Use Tiny Tools for Tiny Work

Gray-Bonney 1/4" drive sockets and handles are truly midgets in every respect, with the Gray-Bonney high standard of quality built into each tiny unit, just as in the larger sizes. The new, improved, small head, reversible ratchet, very small handles and extra thin wall (lock-on) sockets, make this line a top favourite with all service and tune-up men. All sockets and handles are made from alloy steel and chrome plated.

VS30 Set

Contains 30 Pieces — 3/16" to 1/2"



A real dandy thirty piece midget set in metal box, containing all midget wrenches. The handles are slim to get in where space is limited. The tiny new, improved, small head, reversible ratchet is only 4-3/8" overall, and just right for the extra thin wall sockets with lock-on feature. The midget open-end wrenches will make all ignition and electrical jobs easy. The small series box wrenches are ideal for small nut turning, and with the screwdriver, ignition plier an feeler gauge, this set is one every mechanic and service man will be proud to own. In fact, this combination set will be a real time saver for all service men repairing and adjusting fine machines.

No. VS30 Set contains the following:

No.	Description	No.	Description
V6	3/6" Sgle. Hex. Socket	E16	Ignition Wrench
V7	7/32" " " " "	E18	" "
V8	1/11 " " " "	E20	u u
V9	9/32" " " " "	E22	u u
V10	5/6" Dble. " "	E24	u u
VII	11/11 11 11 11 11	E26	u u
V12	3/8" " " " "	E28	u u
V14	7/16" " " " "	E30	u u
VS8	14" Dble. Sq. "	E40	Extra Small Box Wrench
VS10		E42	u u u u
VS12	5/16" " " " " " " " " " " " " " " " " " "	E44	u u u u
V25	Rev. Ratchet 43/8 "	E46	u u u u
V26	Flex Handle 5-34"	001	Ignition Screw Driver
V27	Cross Bar 3-1/2"	517	Ignition Plier
E14	Ignition Wrench	K52	Ignition Feeler Gauge

The ignition wrenches and extra small box wrenches are described on page 20.

#### VS14 Set

Contains 14 Pieces - 3/16" to 7/16"



This fourteen piece midget socket set in metal box contains the same high quality lock-on sockets, the new improved reversible ratchet and flexible handle with cross bar, as the larger set No. VS30. This set will pay for itself many times as an added time saver on any job where small bolts and nuts have to be turned.

No. VS14 set contains the following:

No.	Description		Description No.			Description		
V6 V7 V8 V9	3/16" 7/32" 1/4" 9/32"	Sgle. "	Hex.	Socket " "	V14 VS8 VS10 VS12	7/6" Dble. Hex. Socket 14" Dble. Sq. " 38" " " "		
V10	5/16"	Dble.		"	V25	Rev. Ratchet 4-3/8"		
V11 V12	11/ <sub>32</sub> " 3/8"	"	"	"	V26 V27	Flex. Handle 5–3/4" Cross Bar 3–1/2"		

#### VSI3 Set

#### Contains 13 Pieces — 3/16" to 7/16"

This little set is made up for the mechanic who wishes to start with the most necessary units and build up to one of the larger sets. Packed in metal box. The set contains the same tools as the No. VS14 set shown above, but is minus the ratchet.

### Individual Sockets and Attachments

1/4" Square Drive

No.	Description		No.	Description	
V6 V7 V8 V9 V10 V11 V12	3/16" Sgle. 7/2" " 132" " 14" " 9/32" " 5/16" Dble. 11/2" " 3/8" "	"	Socket  " " " " " "	V14 VS8 VS10 VS12 V25 V26 V27	7,6" Dble. Hex. Socket 14" Dble. Sq. " 56" " " Rev. Ratchet 4-3%" Flex. Handle 5-34" Cross Bar 3-46"



# Gray-Bonney 3/8" Square Drive Sockets and Attachments

The 3/8" drive sockets and attachments have become a must for all good mechanic's tool kits. The new chrome plated, thin wall sockets, extra slim handles and attachments, plus lock-on feature, are designed to allow the modern mechanic to get at the tightest spots on modern motors, aircraft and refrigeration units with ease. All 3/8" units carry the same guarantee as the larger units.

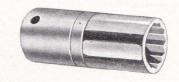
### 3/8" Drive Sockets

No.		Des	cription	
T10 T12	5/16" : 3/8"	Double "	Hexagon	Socket
T14	7/16"	"	a	cc .
T16	1/2"	"	"	"
T18	9/16"	"	"	"
T20	5/8"	"	"	"
T22	11/16"	"	"	"
T24	3/4"	"	" "	u
TS8		Double	Square S	Socket
TS10	5/16"	" .	" "	"
TS12	3/8"	"	"	u

### 3/8" Drive Handles and Attachments

No.	Description
Т3	Universal Joint
T4	Extension 6"
T5	" 11".
T9	Speeder 16-1/4"
T27	Drag Link Socket
T30	Flexible Handle 9-3/4"
T31	Extension 3"
T32	Cross Bar
	Reversible Ratchet 6-1/2"
	Sliding T Handle 7-3/4"
T35 T36	Sliding T Handle 7-3/4"

### 3/8" Drive Extra Deep Sockets

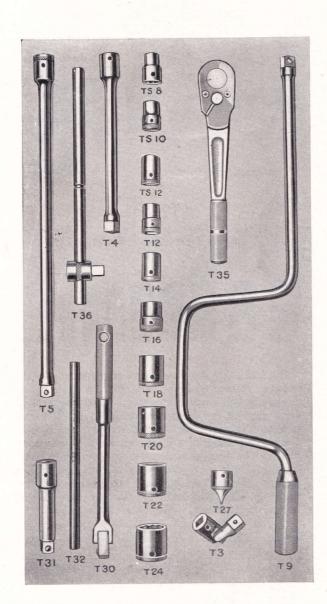


No.	Description					
LT12	3/8" Do	uble	Hexagon,	1-3/4"	Long	
LT14	7/16"	"	"	2"	"	
LT16	1/2"	"	ш	2"	"	
	9/16"	"	"	2"	"	
LT18	5/8"	"	"	2-1/4"	"	
LT20		"		2-3/8"	"	
LT22	11/16"	"	"		"	
LT24	3/4"		"		"	
LT26	13/16"	"		2-3/8''	"	
LT28	7/8"	"	a	2-1/2''	44	
TS14	7/16" D	ouble	Square,	1½" I	ong	
TS16	1/2"	44	"	1-1/2''	"	
TS18	9/16"	"	"	1-1/2''	"	
TS20	5/8"	u	"	1-1/2''	u	

### 3/8" Drive Universal Joint Sockets



No.	Description	
TU14	7/16" Double Hexag	gon
TU16 TU18	1/2" " " "	
TU20	9/16" " " " " " " " " " " " " " " " " " "	





### Gray-Bonney 3/8" Square Drive Sets

TG20 Set

Contains 20 Pieces — 1/4" to 3/4"



The outstanding advantages of 3/8" drive sockets will make this popular set a time-saving addition to every mechanic's tool kit. The sockets, handles and reversible ratchet are all forged from alloy steel, carefully heat treated to give added strength and extra slimness.

The TG20 Set contains eleven sockets and nine handles, chrome plated, as listed below, packed in neat metal box.

No.	Description	No.	Description
T12	3/8" D.H. Socket	T27	Drag Link Socket
T14	7/16" "	<b>T3</b>	Universal Joint
T16	1/2" "	T4	6" Extension
T18	9/16" "	T5	11" "
T20	5/8" "	T9	Speeder
T22	11/16" "	T30	Flex Handle
T24	3/4" "	T31	3" Extension
TS8	1/4" D.S. Socket	T32	Cross Bar
TS10	5/16" "	T35	ReversibleRatche
TS12	3/8" "	T36	Sliding T Handle

#### TG12 Set

Contains 12 Pieces — 1/4" to 3/4"



This inexpensive chrome plated set, packed in a neat metal box, is an ideal beginning towards a complete 3/8" drive set. It contains the same ten high grade sockets, flex handle and cross bar as in the TG20 Set.

The following is a list of the parts in this set:

No.	Description	No.	Description
T12	3/8" D.H. Socket 7/16"	T24	3/4" D.H. Socket
T14		TS8	1/4" D.S. Socket
T16	1/2" "	TS10	5/16" "
T18	9/16" "	TS12	3/8" "
T20	5/8" " " " " " "	T30	Flex Handle
T22		T32	Cross Bar

#### LT9 Set

Contains 9 Pieces — 3/8" to 7/8"



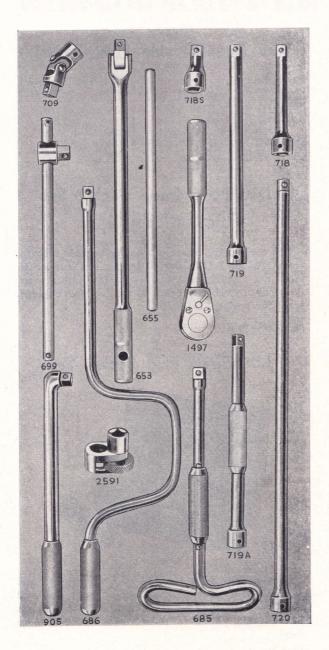
The LT9 extra deep socket set contains nine double hexagon sockets, ranging from 3/8" to 7/8". Many mechanics will want to round out their present 3/8" drive set with the addition of these handy little deep sockets. These extra thin sockets have the lock-on feature and will get in the toughest spots with ease. They can be used on late model cars to remove spark plugs and will save you plenty in time and trouble on any job where the nuts are set down deeply over the bolts. Made of fine alloy steel, chrome plated. Packed in fibre box. Set contains the following:

No.		Description					
LT12	3/8"	Extra	Deep,	Double	Hex.	1-3/4"	Leng
LT14	7/16"	" "	"	"	"	2"	**
LT16	1/2"	"	"	"	"	2"	"
LT18	9/16"	" "	"	"	"	2"	"
LT20	5/8"	"	"	"	"	2-1/4''	"
LT22	11/16	" "	"	"	"	2-3/8"	ш
LT24	3/4"	"	"	"	"	2-3/8"	"
	13/16	" "	"	"	"	2-3/8"	"
LT26 LT28	7/8"	"	"	u	"	$\frac{2-3}{8}$ $\frac{2-1}{2}$	"



# Gray-Bonney 1/2" Square Drive Handles and Attachments

Gray-Bonney sockets, handles and attachments are forged slimmer and lighter for your convenience, due to the use of high carbon alloy steel, carefully heat treated to add greater strength. All Gray-Bonney sockets, handles and attachments have the lock-on feature, and are highly polished, chrome plated.



#### Handles and Attachments

No.	Description
403	Connector for 603 Ratchet
603	Ratchet Handle and connector
652	Flexible Handle 12" Long
653	Flexible Handle 15" Long
653L	Flexible Handle 18" Long
655	Cross Bar for Flex Handle
685	Tee Handle revolving grip 12" long
686	Speeder with revolving grip 19" long
687	Speeder with rev. grip 14-1/2" long
699	Sliding Tee Handle 11" long
709	Universal Joint
718	Forged Extension 5" long
718S	Forged Extension 2" long
719	Forged Extension 10" long
719A	Forged Extension 10" long with revolving hand grip
720	Forged Extension 20" long
905	Offset Handle 11–1/2" long
1497	Reversible Ratchet 10" long
2591	Stud Remover 5/16" to 3/4"

### Universal Joint Sockets

The most efficient type of socket for clearing obstructions or working in confined spaces. Forged from alloy steel. Nickel plated finish.



No.	Description	No.	Description
29UJ 33UJ	7/16" Double Hex.	41UJ	5/8" Double Hex.
37UJ	9/16" " "	45UJ 49UJ	3/4" " "

### Adaptors

	Openings
No.	Female Male
4206	1/2" Sq. & 3/8" Sq.
4211	3/4" " & 1" "
4213	1" " & 3/4" "
4215	3/8" " & 1/2" "
4298	1/2" " & 3/4" "
4299	3/4" " & 1/2" "



1	Openings
No.	Openings Male Male
4201	1/2" Sq. & 5/8" Sq.
4202	1/2" Sq. & 5/8" Sq. 1/2" " & 3/4" "
4203	3/4" " & 7/8" "
4207	3/8" " & 1/2" "
4212	3/4" " & 1" "



### Gray-Bonney 1/2" Square Drive Sockets

Gray-Bonney 1/2" drive sockets are thinner and tougher, because each socket is individually hot forged from the finest electric furnace alloy steel, which ensures accuracy and greater strength. Equipped with lock-on feature. Gray-Bonney sockets are correct in design and size, carefully heat treated for longer wear. Highly polished and chrome plated.

### Single and Double Hexagon Sockets



Opening

3/8"

7/16"

1/2"

9/16"

19/32" 5/8"

21/32" 11/16" 3/4"

25/32"

13/16" 7/8" 15/16"

31/32"

1 - 1/16''

1-3/16"

1-1/8"

1-1/4"



End view of 1/2" drive sockets, showing extra thin wall.

Single

Hex.

407

408

409

410

411

412

413

414

415



Str. Wall

Db. Hex.

1406

1407

1408

1409

1419

1410

1421

1411

1412

1425

1413 1414

1415

1431

1432

1433

1434

1435\*

1436\*

				•					
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### Extra Deep Double Hex. Sockets

No.	Openings	No.	Openings
LD16	1/2"	LD26	13/16"
LD18	9/16"	LD28	7/8"
LD20	5/8"	LD30	15/16"
LD22	11/16"	LD32	1"
LD24	3/4"	LD36	1-1/8"

### LDIO Extra Deep Socket Set

#### Contains 10 Pieces

One each of the above extra deep sockets ranging from 1/2" to 1-1/8", 3-1/4" long. The answer to those nut turning problems where the nuts are set down deep over the bolt. Good for spark plugs. Ideal for spring "U" bolts.

LD10 Set in metal tray.

# \*Please note that the 1-3/16" socket is now numbered 1435, and the 1-1/4" socket is numbered 1436. Double Square Sockets

Opening	No.	Opening	No.
3/8"	D406S	11/16"	D411S
7/16"	D407S	3/4"	4124
1/2"	D408S	7/8"	4128
9/16"	D409S	1"	4132
5/8"	D410S		

### Drag Link Sockets

No. 405—Width of blade, 15/16". 1/2" square drive.

No. 4002—For trucks. Width of blade, 1-1/4". 1/2" square drive.



### No. 499 Connecting Rod Socket



#### Ford V-8

Special socket for adjusting connecting rod bearing cap nuts. It has a 9/16" double hexagon opening and a 1/2" square drive. The nose of the socket is very thin to make this adjustment easy. Made from 3-1/2% nickel steel.

### LD5 Spark Plug Socket Set



Gray-Bonney LD5 Set will give the garage and service station a set of spark plug sockets that will fit all plugs used by the popular cars. Sizes included: LD26, LD28, LD30, LD32 and LD36. 1/2" square drive.

LD5 Set in metal box.



4341 W 21.90

### Gray-Bonney Straight Wall Socket Sets

1/2" Square Drive

SW23 Set

Contains 23 Pieces — 7/16" to 1-1/4"



For the mechanic who requires a more complete range of sockets, this set contains sixteen high-grade twelve point straight wall sockets, including sizes 7/16" to 1-1/4", plus the necessary handles to meet the needs of all professional mechanics. Packed in a neat metal box.

The following sockets and handles are included:

No.	Description	No.	Description
1407	7/16" D.H. Socket	1432	1" D.H. Socket
1408	1/2" " "	1433	1-1/16" " "
1409	9/16" " "	1434	1-1/8" " "
1419	19/32" " "	1436	1-1/4" " "
1410	5/8" " "	709	Universal Joint
1421	21/32" " "	653	Flex. Handle 15"
1411	11/16" " "	655	Cross Bar
1412	3/4" " "	686	Speeder 19"
1425	25/32" " "	718	Extension 5"
1413	13/16" " "	719	Extension 10"
1414	7/8" " "	1497	Rev. Ratchet 10"
1415	15/18" " "	-1/1	atori attitutto ao

4168 W SW14 Nut Spinner Set

Contains 14 Pieces - 7/16" to 1"



This nut spinner set contains twelve straight wall sockets, 15" flex handle and cross bar, and is an ideal set for the service station or service man doing light repairs. Packed in metal box.

The following sockets and handle are included:

No.	Description	No.	Description
1407	7/16" D.H. Socket	1412	3/4" D.H. Socket
1408	1/2" " "	1413	13/16" " "
1409	9/16" " "	1414	7/8" " "
1419	19/32" " "	1415	15/16" " "
1410	5/8" " "	1432	1" " " "
1421	21/32" " "	653	Flex Handle 15"
1411	11/16" " "	655	Cross Bar

SW20 Set

Contains 20 Pieces - 7/16" to 1"



A real compact set, yet it contains thirteen straight wall sockets, including sizes 7/16" to 1", a universal joint, 15" flex handle with cross bar, speeder, two extensions and our standard high grade reversible ratchet. This set is well in the price range of all mechanics. Packed in neat metal box.

The following sockets and handles are included:

No.	Description	No.	Description
1407	7/16" D.H. Socket	1414	7/8" D.H. Socket
1408	1/2" " "	1415	15/16" " "
1409	9/16" " "	1432	1" " "
1419	19/32" " "	709	Universal Joint
1410	5/8" " "	653	Flex Handle 15"
1421	21/32" " "	655	Cross Bar
1411	11/16" " "	718	Extension 5"
1412	3/4" " "	719	Extension 10"
1413	13/16" " "	686	Speeder 19"
1425	25/32" " "	1497	Rev. Ratchet 10"

SWI5 Set

Contains 15 Pieces — 7/16" to 7/8"



An inexpensive set for the beginner or the man who wishes to do his own repairs. This set contains the same high quality straight wall sockets, handles and ratchet as all the larger sets. Packed in metal box which has ample room for additional sockets and handles.

The following sockets and handles are included:

No.	Description	No.	Description
1407	7/16" D.H. Socket	1413	13/16" D.H. Socket
1408	1/2" " "	1414	7/8" " "
1409	9/16" " "	686	Speeder 19"
1419	19/32" " "	699	Sliding T 11"
1410	5/8" " "	718	Extension 5"
1421	21/32" " "	719	Extension 10"
1411	11/16" " "	1497	Rev. Ratchet 10"
1412	3/4" " "		



### Gray-Bonney Straight Wall Socket Sets

1/2" Square Drive

#### SW35 Set

Contains 35 Pieces — 3/8" to 1-1/4"



This 35 piece socket set is ideal for the mechanic doing general repairs. It contains nineteen straight wall sockets, including sizes 3/8" to 1-1/4", five double square sockets 3/8" to 5/8", a universal joint, reversible ratchet and nine extra slim handles and extensions to make up most any combination required. Packed in metal box with ample room for additional tools.

The following sockets and handles are included:

No.	Description	No.	Description
1406	3/8" D.H. Soci	cet 1436	1-1/4" D.H. Socket
1407	7/16" "	" D406S	3/8" D.S. "
1408	1/2" "	" D407S	7/16" " "
1409	9/16" "	" D408S	1/2" " "
1419	19/32" "	" D409S	9/16" " "
1410	5/8" "	" D410S	5/8" " "
1421	21/32" "	685	Tee Handle 12"
1411	11/16" "	" 686	Speeder 19"
1412	3/4" "	" 687	Speeder 14-1/2"
1425	25/32" "	" 699	Sliding T 11"
1413	13/16" "	" 709	Universal Joint
1414	7/8" "	" 718	Extension 5"
1415	15/16" "	" 719	Extension 10"
1431	31/32" "	" 905	Offset Handle
1432	1" "	" 1497	Rev. Ratceht 10"
1432		653	Flex. Handle 15"
1434	1-1/8" "	" 655	Cross Bar
	1-1/0	" 033	Closs Dai
1435	1-3/16" "		

#### No. SWI5T Set



**No.** SW15T Set contains fifteen straight wall sockets: 7/16", 1/2", 9/16", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" and 1-1/4". The set is in a strong steel tray designed to clip on the side of the tool box.

No. SW12T Set contains twelve straight wall sockets: 7/16", 1/2", 9/16", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16" and 1". In strong steel tray designed to clip on the side of the tool box.

### SW44 Apprentice Combination Set

Contains 44 Pieces — 7/16" to 1-1/4"



This special set contains 44 pieces of the finest tools Gray-Bonney produces, and was especially selected for the apprentice or mechanic who wants to start out with the best, but at a minimum of cost. All the tools in this kit were selected so that you can add additional units until you have acquired a complete set. The set comes packed in a metal box, with hasp for padlock.

The following tools are contained in this set:

No.	Description	No.	Description
1407	7/16" D.H. Socket	655	Cross Bar
1408	1/2" " "	686	Speeder 19"
1409	9/16" " "	718	Extension 5"
1419	19/32" " "	719	Extension 10"
1410	5/8" " "	B17	Diagonal Plier
1421	21/32" " "	513	Combination Plier
1411	11/16" " "	522	Battery Plier
1412	3/4" " "	212G	Ball Pein Hammer
1425	25/32" " "	003	<ul><li>Screwdriver 3"</li></ul>
1413	13/16" " "	04	Screwdriver 4"
1414	7/8" " "	08	Screwdriver 8"
1415	15/16" " "	C3	Chisel
1432	1" " "	C5	Chisel
1433	1-1/16" " "	C23	Punch
1434	1-1/8" " "	3114	7/16" Open End an
1436	1-1/4" " "		Box Wrench
LD26	13/16" Deep Socket	3116	1/2" "
LD28	7/8" "	3118	9/16" "
LD30	15/16" "	3120	5/8" "
LD32	1" "	3122	11/16" "
709	Universal Joint	3124	3/4" "
1497	Rev. Ratchet 10"	3128	7/8" "
653	Flex. Handle 15"		



# Gray-Bonney 3/4" Square Drive Sockets and Attachments

Gray-Bonney heavy duty sockets, handles and attachments are designed to be light in weight yet rugged in strength. The hot forged sockets are carefully broached, to fit the nut snug, thus eliminating any chance of slipping or rounding off the nut corners. The twelve-point sockets will not slip from the handles because they are equipped with lock-on feature. We especially recommend these heavy duty units for all heavy work on trucks, busses, tractors, diesel units, steam shovels, industrial plants and railroad shops. All chrome plated.



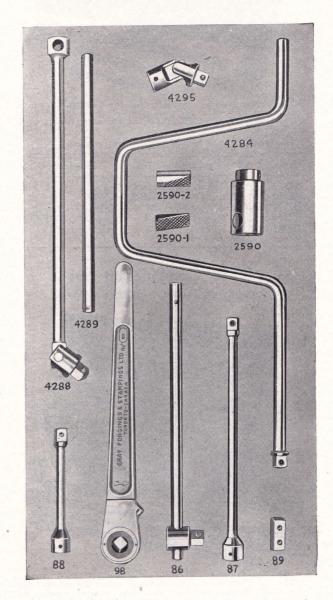
Consult this table carefully when ordering sockets.

Please Note—use revised numbers when ordering sockets.

New No.	Old No.	Socket	Size
HD28	HD28	7/8" Double	Hexagon
HD30	HD30	15/16" "	"
HD31	HD31	31/32" "	"
HD32	90	1" "	u
HD34	91	1-1/16" "	"
HD36	92	1-1/8" "	"
HD38	HD38	1-3/16" "	ш
HD40	93	1-1/4" "	"
HD42	HD42	1-5/16" "	"
HD44	94	1-3/8" "	"
HD46	95	1-7/16" "	"
HD48	96	1-1/2" "	"
HD50	HD50	1-9/16" "	"
HD52	97	1-5/8" "	"
HD54	HD54	1-11/16" "	"
HD56	102	1-3/4" "	"
HD58	103	1-13/16" "	"
HD60	104	1-7/8" "	"
HD64	106	2" "	"
HD70	4270	2-3/16" "	ш
S4228	S4228	7/8" Double	Square
S4232	S4232	1" "	- "
S4234	S4234	1-1/16" "	a
S4240	S4240	1-1/4" "	"
S4246	S4246	1-7/16'' "	u

### Handles and Attachments

No.	Description
86	Sliding Tee Handle 17-1/2" long
87	Extension 15–1/2" long
88	Extension 8" long
88S	Extension 4" long
89	3/4" Ratchet Plug Connector
98	Ratchet Handle 19" long
2590	Stud Remover 9/16" to 1"
2590-1	Light Wedge for 2590 stud remover
2590-2	Heavy Wedge for 2590 stud remover
4284	Speeder
4285	Reversible Ratchet 20" long
4288	Flex. Handle 22" long
4289	Cross Bar for Flex. Handle
4295	Universal Joint

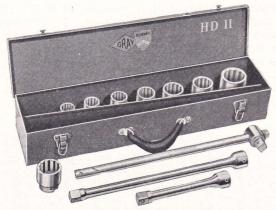




### Gray-Bonney 3/4" Square Drive Socket Sets

#### HDII Set

Contains II Pieces — I" to I-5/8"



This set is especially valuable for the user who requires heavy duty tools at a minimum cost. This set can be built up to the popular No. HD21 Set, as the same box is used for both sets.

The following sockets and handles are included:

No.	Desc	ription	No.	Des	cription
HD36 HD40 HD44	$\frac{1-1/16''}{1-1/8''}$	D.H. Skt. """ """ """ """ """ """ """ """ """ "		1-5/8" Sliding	D.H. Skt. 17-1/2" on 15-1/2" on 8"

#### CS48 Combination Set

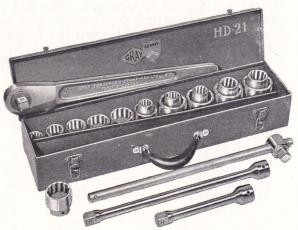
Contains 48 Pieces - 3/8" to 1-5/8"



The No. CS48 combination set was especially selected for the small garage operator who does general repairs on passenger cars, trucks and tractors. It contains the complete No. SW35 1/2" drive set listed on page 10, and the No. HD13 3/4" drive heavy duty set shown on this page. Combined, they give a complete matched socket set with handles. We also recommend this set for millwrights, power plant and construction engineers.

#### HD21 Set

Contains 21 Pieces — 7/8" to 2"



This new Gray-Bonney heavy duty set contains a complete range of the heavy duty sockets, including sizes from 7/8" to 2". The set was designed to handle the heavy work on busses, trucks, tractors, steam shovels and all types of heavy machinery. Packed in heavy metal box.

The following sockets and handles are included:

No.	Desc	cription	No.	Desc	cription
HD28	7/8"	D.H. Skt.	HD52	1-5/8"	D.H. Skt.
HD30	15/16"	"	HD56	1-3/4''	"
HD32	1"	"	HD58	1-13/16"	"
HD34	1-1/16"	"	HD60	1-7/8"	"
HD36	1-1/8"	"	HD64	2"	"
HD38	1-3/16"	"	86	Sliding T	17-1/2"
HD40	1-1/4''	"	87	Extension	n 15-1/2"
HD42	1-5/16''	"	88	Extension	
HD44	1-3/8"	"	89	Ratchet	Connector
HD46	1-7/16"	u	98	Ratchet	
HD48	1-1/2''	"			

#### HDI3 Set

Contains 13 Pieces - I" to 1-5/8"

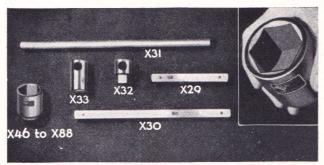
This set is the same as the No. HD11 with the addition of the No. 98 ratchet and No. 89 connector. This set can also be built up to the popular No. HD21 set.

The following sockets and handles are included:

No.	Desc	cription	No.	Description
HD32	1"	D.H. Skt.	HD52	1-5/8" D.H. Skt.
<b>HD34</b>	1-1/16"	"	86	Sliding T 17-1/2"
	1-1/8"	"	87	Extension 15-1/2"
	1-1/4"	"	88	Extension 8"
	1-3/8"	"	89	Ratchet Connector
HD46	1-7/16"	"	98	Ratchet 19"
	1-1/2"	u		

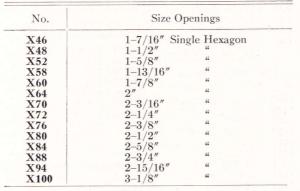


### 1" Square Drive Extra Heavy Duty Sockets and Box Wrenches



The 1" Drive sockets and heavy duty box wrenches listed on this page are built rugged for rugged work. We recomment them for the toughest kind of work found in railroad shops, or any shop where heavy machinery is repaired.

# No. ''XH'' Extra Heavy-Duty Socket Set



#### Extra Heavy-Duty Handles and Attachments

No.	Description	
X29 X30	Extension 9" Long Extension 18" Long	
X31 X32	Sliding Bar 22" Long Drive Head, Male	
X33	Drive Head, Female	



The exceptionally large nuts and bolts on trucks, busses, tractors require heavy duty wrenches. Here is the set for those jobs. Also used in industrial work. Contains seven Hexagon Sockets Nos. X46, X48, X52, X58, X64, X70, X76, with openings of 1-7/16", 1-1/2", 1-5/8", 1-13/16", 2", 2-3/16" and 2-3/8". Also includes Attachments Nos. X29, X30, X31, X32 and X33.

This set is supplied in the No. 80B box shown on page 43, and not the box illustrated above.

### Heavy Duty Box Wrenches



No.	Double Hexagon Openings	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw and Nut	Length
2811E	7/8" x 1-1/16"	1/2" x 5/8"	5/8" x	9/16" x 3/4"	14-1/2"
2811B	15/16" x 1-1/16"	x 5/8"		5/8" x 3/4"	14-1/2"
2811	1" x 1-1/8"		3/4" x 7/8"	11/16" x	14-1/2"
2812B	$1-1/16'' \times 1-1/4''$	5/8" x 3/4"	x 1"	3/4" x 7/8"	17"
2812C	$1-1/8'' \times 1-1/4''$	x 3/4"	7/8" x 1"	x 7/8"	17"
2812	$1-1/4'' \times 1-3/8''$	3/4" x	1" x 1-1/8"	7/8" x	18"
2812A	1-1/4" x 1-7/16"	3/4" x 7/8"	1" x	7/8" x 1"	20"
2813	$1-7/16'' \times 1-5/8''$	7/8" x 1"	x 1-3/8"	1" x 1-1/8"	20"
2815	1-13/16" x 2"	1-1/8" x 1-1/4"		$1-1/4'' \times 1-3/8''$	24"
2815B	1-7/8" x 2"	x 1-1/4"		x 1-3/8"	24"
2815A	$\frac{1}{2''}$ $\frac{1}{x}\frac{2}{2-3/8''}$	$1-1/4'' \times 1-1/2''$		1-3/8" x	26"
	$\frac{2}{2-3/16''}$ x $\frac{2-3/8}{2-3/8''}$	$1-3/8'' \times 1-1/2''$		1-1/2" x	26"
2819 2821	$\frac{2-3/16}{2-9/16''} \times \frac{2-3/8}{2-3/4''}$	1-5/8" x $1-1/21-5/8$ " x $1-3/4$ "		1 1/2 X	28"



### Gray-Bonney Master Service Sets in Steel Chests

### Gray-Bonney MS 102 Set

This is one of the most complete sets available, containing 102 carefully selected tools. These tools were chosen to give the most practical and efficient, yet reasonably priced assortment, rather than to build up a set having regard only to quantity and price.

Box Temporarily Discontinued, but substitutes are



### Gray-Bonney MS 79 Set

The MS79 Set has been especially designed for mechanics, millwrights and plant engineers who desire an all-purpose set of sockets and open-end

Box Temporarily Discontinued, but substitutes are



### List of Parts in MS 102 and MS 79 Sets

No.	Description	1/2" S	quare Drive Cont'd
VS13	1/4" Drive Set (shown on Page 4)	No.	Description
3/8	3" Square Drive	LD36 653	1-1/8" Deep Sokt. Flex. Handle 15"
		655	Cross Bar
T4	Extension 6"	686	Speeder 19"
T5	" 11"	687	" 14-1/2"
Г9	Speeder Speeder	699	Sliding T Handle
Г12	3/8" D.H. Socket	709	Universal Joint
Γ14	7/16" "	718S	Forged Ext. 2"
Г16	1/4	718	" 5"
Г18	9/10	719A	" 10"
Γ20	0/0	1497	Revers. Ratchet
T22	11/10		
Г24	0/4	3/4	4" Square Drive
T31	Extension 3"		
T35	Rev. Ratchet	HD34	1-1/16" D.H. Sokt.
Г36	Sliding T Handle	HD36	1-1/10 D.11. Sokt. $1-1/8''$ "
		HD40	1-1/3 "
1/2	" Square Drive	HD44	1-1/4 $1-3/8''$ "
		HD44 HD46	$1-\frac{3}{6}$ $1-\frac{7}{16}$ " "
407	7/16" D.H. Socket	HD48	1-1/10 $1-1/2''$ "
108	1/2" " "	HD52	1-1/2 $1-5/8''$ "
409	9/16" "	86	Sliding T Handle
419	19/32" "	88	8" Extension
1410	5/8" "	88S	4" "
1421	21/32" "	000	4
411	11/16" "	End	ineers' Wrenches
1412	3/4" "	Eng	meers wrenches
1425	25/32" "		
1413	13/16" "	1723	3/8" x 7/16"
1414	7/8" "	1725B	1/2" x 9/16"
1415	15/16" "	1027	19/32" x 11/16"
1431	31/32" "	1729	$5/8'' \times 3/4''$
1432	1" "	1731B	13/16" x 7/8"
D407S	7/16" D. Sq. Sokt	1033C	15/16" x 1"
D408S	1/2'' " "		
D409S	9/16" "	E	ox Wrenches
105	Drag Link Socket		
LD26	13/16" Deep Sokt.	2384	3/8" x 7/16" Open.
LD28	7/8" " "	2386	1/2" x 9/16" "
LD30	15/16" "	2387	$9/16'' \times 5/8''$ "
D32	1" "	2388	5/8" x 3/4" "

The sockets, wrenches and attachments listed above are included in the MS79 Set. The MS102 Set embodies all the above tools, as well as the following punches, chisels, pliers, screwdrivers and hammers.

C2	1/2" x 5-1/2" Flat
C3	5/8" x 6" "
C4	3/4" x 6-1/2" "

		6-1/4" Solid Taper
	C28 C30	1/8 x 5 Pin 1/4" x 6–3/8" Pin
-	1	Screwdrivers

04	4" Round Shank
06	6" "
08	8" "
006	6" Electricians
S01	1-3/4" Adjusting

<b>B17</b>	6" Diagonal Cutting
258	Water Pump
513	7" Comb. Side-Cutting
517	
522	Battery Plier

212G	1 lb. Ball Pein
212K	4 oz.
PH15	

Tappet wrenches			
(2)1/2"x9/16" Open. (2)5/8"x11/16" "			

No. MS102 Set contains 102 pieces in steel chest. No. MS79 Set contains 79 pieces in steel chest.



### To the Garage and Service Mechanics

We wish to take this opportunity in our first post-war catalogue to thank the garage mechanic and service mechanic for their splendid co-operation and patience during the war years, when the priority regulations gave them little or no preference.

We are sorry to announce, however, that at the time of printing this catalogue, we cannot offer you the large tool box and cabinet for the master tool set described on the opposite page, but we can tell you that there is a new box and cabinet coming very soon.

Keep in touch with your dealer, and he will let you know immediately they are available.

GRAY-BONNEY TOOL COMPANY, LIMITED.

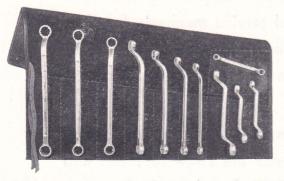


### Gray-Bonney Box Wrenches and Sets Chrome Vanadium Steel

#### Box Wrenches

Box Wrenches having one end straight and one end offset have long been favored by the mechanic "who likes the right tool for the job." For work on manifolds and for the hard-to-get-at nuts at the rear of motor blocks they are invaluable. Gray-Bonney Box Wrenches are available in convenient sets.

## No. 2311 Box Wrench Set 3/8" to 7/8"



No. 2311LR contains one each of the wrenches listed below. In leatherette roll.

No. 2307LR contains one each of the long type wrenches only listed below. In leatherette roll.

### Long Type Box Wrenches

No.	Double Hexagon Openings	Length
2316	1/2"	9"
2318	9/16"	9-1/2''
2320	5/8"	10"
2322	11/16"	11"
2324	3/4''	11-1/2"
2326	13/16''	12"
2328	7/8"	12-3/4"

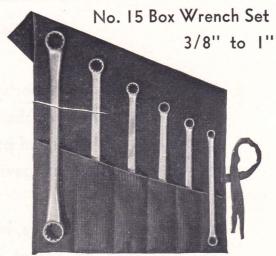
### Short Type Box Wrenches



No. Double Hexagon Openings		Length
2384	76 3/8" & 7/16" 1/2" & 9/16"	5-1/8" 5-1/2"
2387 J -b	9/16" & 5/8" 5/8" & 3/4"	5-3/4" 8-1/2"

### 15 Deg. Angle Box Wrenches

The No. 2890 Series Box Wrenches are for work with low overhead clearance. Heads are at angles of from 10 degrees to 15 degrees, depending on the length of the wrench. All have double hexagon openings and are nickel-plated with polished heads. Chrome Vanadium Steel.



No. 15 Box Wrench Set contains one each of the following wrenches: Nos. 2890, 2891, 2892, 2893A, 2894A and 2895A. In leatherette roll as illustrated.

No.	Double Hexagon Openings	Length }
2890	3/8" & 7/16"	7-5/8"
2891	1/2" & 9/16"	8-5/8"
2892	5/8" & 11/16"	9-5/8"
2892A	5/8" & 3/4"	10-5/8"
2893A	3/4'' & 25/32''	11-1/2"
2893	3/4" & 13/16"	11"
2894A	13/16" & 7/8"	13"
2894	7/8" & 15/16"	12-3/8"
2895A	15/16" & 1"	14-1/2"
2895	1" & 1-1/16"	14-1/4"
2896A	1-1/16" & 1-1/8"	16-1/2"
2896	1-1/8" & 1-3/8"	16"
2897	1-1/4" & 1-7/16"	18"

### Short Type Box Wrenches



This new series of short box wrenches will appeal very strongly to the mechanic who enjoys using fine tools. They are drop forged from high grade alloy, and are brightly polished all over. The heads are thin and cleanly broached and will give the utmost in service under all conditions.

No. Double Hexagon Openings		Length
276	3/8" x 7/16"	4-1/2"
277	$1/2'' \times 9/16''$	5-1/4"
278	5/8" x 11/16"	6"



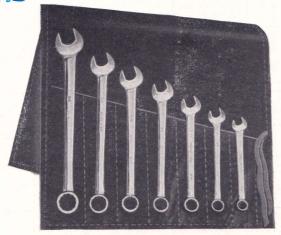
### Gray-Bonney Box Wrenches and Sets Chrome Vanadium Steel

### Tu-Type Wrenches

This type of wrench is very popular where speed is required and should be in all tool kits. The box end, with just the right angle to clear obstructions, is very handy to loosen tight bolts and get in around manifolds and carburetors. The open end is used for faster turning. Forged from high grade alloy steel. Highly polished and chrome plated.

# 1256 3.83 No. TU 7 Tu-Type Set

7/16" to 7/8"



The No. TU7 set contains one each of the following:

No.	Openings	Length	No.	Openings	Length
3114 3116 3118 3120	9/16"	5-3/8" long 6" " 6-3/4" " 7-3/4" "	3122 3124 3128	11/16" 3/4" 7/8"	8-3/8" long 9-1/2" " 10-1/2" "



### No. 21 Extra Small Box Wrench Set

Ideal for work on radios, ignition systems, generators, starters, heaters, etc.

E40 and E42 have single hexagon openings; E44 and E46 have double hexagon openings.

	No.	Openings	Length
	E40	3/16" & 13/64"	2-7/8"
	E42	7/32" & 15/64"	3-1/8"
	E44	1/4" & 9/32"	3-3/8"
12	E46	5/16" & 11/32"	3-3/4''

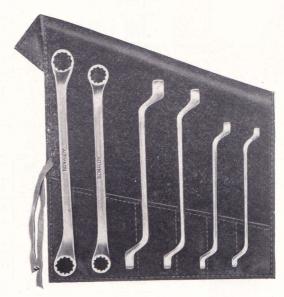
### Double Offset Box Wrenches

45° Angle

The long, smooth, round handles will give plenty of leverage to loosen the toughest bolts. These wrenches have a deep offset to clear obstructions and give plenty of finger room.

### No. DO 6 Double Offset Set

3/8" to 1"



The No. DO6 set contains one each of Nos. 2804L, 2805L, 2807A, 2808A, 2809C and 2810 listed below.

No.	Double Hexagon Openings	Length
2804L	3/8" x 7/16"	8-1/2"
2805L	$1/2'' \times 9/16''$	9"
2807A	5/8" x 11/16"	11"
2808A	$3/4'' \times 25/32''$	11-1/2"
2809C	$13/16'' \times 7/8''$	12-1/2''
2810	15/16" x 1"	13-1/2"
2811E	7/8" x 1-1/16"	14-1/2"
2811B	$15/16'' \times 1-1/16''$	14-1/2"
2811	$1'' \times 1 - 1/8''$	14-1/2"
2812B	$1-1/16'' \times 1-1/4''$	17"
2812C	$1-1/8'' \times 1-1/4''$	17"
2812	$1-1/4'' \times 1-3/8''$	18"
2812A	$1-1/4'' \times 1-7/16''$	20"
2813	$1-7/16'' \times 1-5/8''$	20"
2815	$1-13/16'' \times 2''$	24"
2815B	$1-7/8'' \times 2''$	24"
2815A	2" x 2-3/8"	26"
2819	$2-3/16'' \times 2-3/8''$	26"
2821	$2-9/16'' \times 2-3/4''$	28"



# Gray-Bonney Chrome Vanadium Engineers' Wrenches

Drop Forged 15° Angle Opening — Chrome Plated With Polished Heads

	Wrench No.	Openings Milled	U.S.S. Bolt Size	Hex. Head Cap Screw	S.A.E. Standard Screws and Nuts	Extreme Length	ness of Head
	1019	3/16 & 1/4				2-3/4	1/8
	1020	1/4 & 5/16	& 1/8	& 1/8	& 1/8	3	5/32
.49	-1721 1021 -1722 -1723	5/16 & 3/8 5/16 & 13/32 5/16 & 7/16 3/8 & 7/16	1/8 & 3/16 1/8 & 3/16 1/8 &	1/8 & 3/16 1/8 & 1/8 & 1/4 3/16 & 1/4	& 1/4 & 1/4	5	7/32
	1022 1023 1723A	5/16 & 1/2 13/32 & 1/2 3/8 & 1/2	1/8 & 1/4 3/16 & 1/4 & 1/4	1/8 & 5/16 & 5/16 3/16 & 5/16	& 5/16 & 5/16 & 5/16	5	7/32
MADE IN CANADA BY GRAY	1024 •1725 2•1725B 1025 •1725A	$\begin{array}{c} 13/32 & \& \ 19/32 \\ 7/16 & \& \ 1/2 \\ 1/2 & \& \ 9/16 \\ 1/2 & \& \ 19/32 \\ 7/16 & \& \ 9/16 \end{array}$	3/16 & 5/16 & 1/4 1/4 & 1/4 & 5/16	1/4 & 5/16 5/16 & 3/8 5/16 & 1/4 & 3/8	1/4 & 5/16 5/16 & 3/8 5/16 & 1/4 & 3/8	6-1/4	15/64
GRAY 19	•1726 1026 /•1727 1027 1027C 1027S	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1/4 & 1/4 & 3/8 1/4 & 3/8 5/16 & 3/8 & 3/8 & 3/8	5/16 & 7/16 5/16 & 3/8 & 7/16 3/8 & 7/16 &	5/16 & 7/16 5/16 & 3/8 & 7/16 3/8 & 7/16 &	7	9/32
- (/	1028S -1729 1029	5/8 & 25/32 5/8 & 3/4 11/16 & 25/32	& 7/16 3/8 & 7/16	7/16 & 7/16 & 1/2	7/16 & 7/16 & 1/2	8	5/16
71 ME	1028 -1728 1730 1030	19/32 & 25/32 9/16 & 3/4 5/8 & 13/16 11/16 & 7/8	5/16 & 7/16 	3/8 & 1/2 7/16 & 9/16 & 5/8	3/8 & 1/2 7/16 & & 9/16	8	5/16
-VAN	1731 1731A 1033	3/4 & 13/16 3/4 & 7/8 7/8 & 31/32	& 1/2 1/2 & 9/16	1/2 & 9/16 1/2 & 5/8 5/8 &	1/2 & 1/2 & 9/16 9/16 &	9	3/8
CHROME-VANADIUM	1031 1731B 1732A 1032 1732 1033A	25/32 & 7/8 13/16 & 7/8 3/4 & 1 25/32 & 31/32 13/16 & 1 7/8 & 15/16	7/16 & 1/2 & 1/2 	9/16 & 5/8 1/2 & 3/4 9/16 & 3/4 9/16 & 3/4 5/8 &	\$\& 9/16 \& 9/16 \\ \& 9/16 \\ \& 11/16 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	9	3/8
	1033C 1034A 1035 1735	15/16 & 1 15/16 & 1-1/16 31/32 & 1-1/16 1 & 1-1/8	& 5/8 9/16 & 5/8	& 3/4 3/4 & 7/8	5/8 & 11/16 5/8 & 3/4 & 3/4 11/16 &	10-3/4	7/16
	1733 1034 1734	7/8 & 1 7/8 & 1–1/16 7/8 & 1–1/8	1/2 & 1/2 & 5/8 1/2 &	5/8 & 3/4 5/8 & 5/8 & 7/8	9/16 & 11/16 9/16 & 3/4 9/16 &	10-3/4	7/16
d	1036 1736 1037 1737	31/32 & 1-1/4 1 & 1-1/4 1-1/16 & 1-1/4 1-1/8 & 1-1/4	9/16 & 3/4 & 3/4 5/8 & 3/4 & 3/4	% 1 3/4 & 1 & 1 7/8 & 1	8 7/8 11/16 & 7/8 3/4 & 7/8 & 7/8	12	17/32
	1038 1738 1739 1039 1739A 1739B 1040	1-1/16 & 1-7/16 1-1/8 & 1-3/8 1-1/4 & 1-3/8 1-1/4 & 1-7/16 1-1/4 & 1-1/2 1-3/8 & 1-1/2 1-1/4 & 1-5/8	5/8 & 7/8 3/4 & 3/4 & 7/8 3/4 & 3/4 & 1	7/8 & 1-1/8 1 & 1-1/8 1 & 1-1/8 1 & 1-1/4 1-1/8 & 1-1/4 1 & 1-3/8	3/4 & 1 7/8 & 7/8 & 1 7/8 & 1 7/8 & 1–1/8	14	9/16
	1041	1-7/16 & 1-5/8	7/8 & 1	& 1-3/8	1 & 1-1/8	15-1/2	13/16



### Gray-Bonney Engineers' and Tappet Wrenches

Gary-Bonney engineers' and tappet wrenches are made thinner, lighter and stronger with just the right angle, and machined to fit the nut snug. All these advantages make your work easier. This has all been made possible by the use of chrome vanadium steel, carefully machined and heat treated. Chrome plated with polished heads.

No. 6E Engineers' Wrench Set

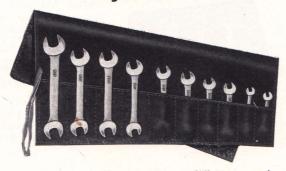


The No. 6E Engineers' Wrench Set includes six wrenches to cover all of the most popular sizes of nuts and bolts. The wrenches in this set contain no duplicate openings.

These six wrenches are the following numbers: 1723, 1025, 1027C, 1028S, 1731A, 1033C. No. 6ELR Set in leatherette roll as illustrated.

No. 6ECB Set in cardboard box.

No. 10E Engineers' Wrench Set

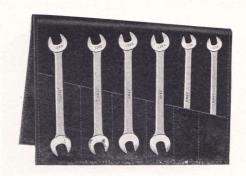


The No. 10E Set contains fifteen different openings and is ideal for the mechanic who prefers a complete range of sizes from 5/16" to 1-1/16". This set gives you more openings with less wrenches than is usually found in other sets. Set contains the following numbers: 1721, 1723, 1725, 1725B, 1727, 1027, 1729, 1031, 1732 and 1034A.

No. 10ELR Set in leatherette roll as illustrated.

No. 10ECB Set in cardboard box.

Nos. 6T and 4T Tappet Sets



Gray-Bonney Tappet Wrench Sets are arranged to give the mechanic a selection of the most used wrenches in a compact leatherette roll.

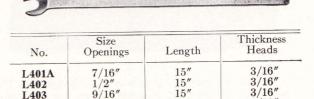
No. 6T Set consists of 6 Chrome Vanadium Tappet Wrenches, 2 each Nos. 122A, 124A and 124B, covering openings 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4". In leatherette roll as illustrated.

No. 4T Set consists of 4 Wrenches, 2 each Nos. 122 and 124, covering sizes 1/2", 9/16", 5/8" and 11/16". In leatherette roll.

### Standard Tappet Wrenches

No.	Size Openings	Length	Thickness Heads
122A	7/16" & 1/2"	8"	5/32"
122B	17/32" & 21/32"	8"	5/32"
122	1/2" & 9/16"	8"	5/32"
124A	9/16" & 5/8"	8-1/2"	3/16"
124	5/8" & 11/16"	8-1/2" 8-1/2"	3/16" 3/16"
124B	$\frac{11/16'' \& 3/4''}{3/4'' \& 7/8''}$	0"	7/32"
426 428	15/16" & 1"	9-1/2"	7/32"

### Extra Long Tappet Wrenches



L403

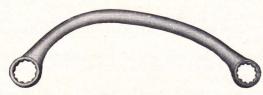
L404

3/16"



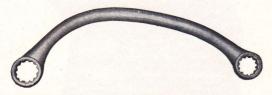
### Gray-Bonney Special Tools

### No. 2319 Starter and Manifold Wrench



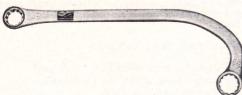
Starter and manifold work on Chevrolet and other cars is simplified by this wrench. The openings are 9/16" and 5/8" double hexagon. Length 7-3/4".

### No. 2884 Starter and Manifold Wrench



Especially designed to fit starter and manifold nuts on new cars. Openings are 9/16" and 3/4". Length 7-1/2".

### No. 2883 Manifold Wrench for Chrysler



A special wrench of Chrome Vanadium steel designed especially for use on the manifold nuts of late model Chrysler cars. Has 9/16" and 5/8" double hexagon openings. Overall length, 9". Has chrome plated finish, with heads buffed to a high, permanent lustre.

#### Oil Pan Screws



A pair of these inexpensive screws will save you much time in replacing oil pans. Simply screw into bolt holes on opposite sides of crank case flange, slip oil pan over spring catch, leaving both hands free to replace bolts. Two required.

No. PS1-1/4" Special for Chevrolet. (1 pair). No. PS2-5/16" Ford, and many others. (1 pair).

#### No. 2357D Ford Brake Wrench



This wrench is invaluable when making adjustments on all model V8 brakes. Has 7/16" and 1/2" double square openings, and is drop forged from alloy steel. This wrench is of new design and has ample offset to clear all obstructions.

#### No. T50 Carburetor Wrench



Specially designed for jets in Model "A" Ford carburetor. Length, 5". Openings, 9/32" and 5/16".

#### No. 2586 Carburetor Wrench



A special tool for adjusting Ford V8 carburetor jets. It is an accurate tool to make precision adjustments. Made of Chrome Vanadium steel. Not guaranteed.

### No. 499 Connecting Rod Socket Ford V-8



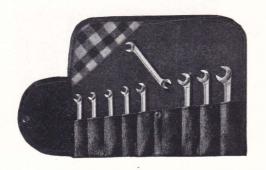
Special socket for adjusting connecting rod bearing cap nuts. It has a 9/16" double hexagon opening and a 1/2" square drive. The nose of the socket is very thin to make this adjustment easy. Made from 3-1/2% nickel steel.



### Electrical and Ignition Wrenches and Sets

#### No. 16 Ignition Wrench Set

Gray-Bonney Ignition Wrenches are correctly designed, and have the heads offset at angles of 15 and 60 degrees. Each size is available in either angle head. They are forged from alloy steel, giving extreme lightness with the necessary strength.



Gray-Bonney Ignition Wrenches are available in handy leatherette rolls. The No. 16 Set, shown above, contains nine wrenches ranging from 13/64" to 1/2". The set is designed so that each opening is duplicated, one having 15° angle and the other a 60° angle. In leatherette case.

NT.	Openings		Taranta	Thickness
No.	15° End	60°End	Length	THICKIESS
E14	13/64"	15/64"	3"	7/64"
E16	15/64"	13/64"	3"	7/64"
E18	7/32"	1/4"	3"	7/64"
E20	1/4"	7/32"	3"	7/64"
E22	9/32"	5/16"	3-1/2''	1/8"
E24	5/16"	9/32"	3-1/2''	1/8"
E26	11/32"	3/8"	4"	9/64"
E28	3/8"	11/32"	4"	9/64"
E30	7/16"	1/2"	4-1/2''	5/32"

### No. 17 Ignition Wrench Set



No. 17 Set contains the same wrenches as No. 16, with the addition of No. 517 pliers and No. 001 screwdriver. In leatherette roll.

#### No. 20 Zenel Miniature Wrench Set



Delicate jobs on magnetos, generators, radios, timers, oil cleaners, carburetors, electrical parts and similar jobs are quickly done with Gray-Bonney Miniature Wrenches. The No. 20 Set contains one each of Nos. H10, H12, H14, H16 and H18 listed below. They are made of ZENEL, have panelled handles and are chrome plated. In leatherette roll.

#### Zenel Miniature Wrenches

No.	Openings Milled	Length	Thick. Heads
H10	3/16" & 7/32"	2-1/2"	3/32"
H12	1/4" & 9/32"	3"	5/32''
H14	5/16" & 11/32"	3-3/4"	3/16''
H16	3/8" & 7/16"	4-1/8"	7/32''
H18	13/32" & 15/32"	4-1/8"	7/32''

### No. 21 Extra Small Box Wrench Set



Ideal for work on radios, ignition systems, generators, starters, heaters, etc. E40 and E42 have single hexagon openings; E44 and E46 have double hexagon openings.

No. 21LR Set, 1 each of above 4 Wrenches in a leatherette roll.

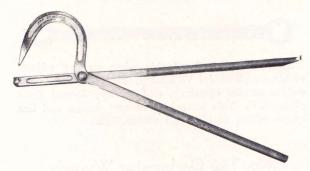
#### Extra Small Box Wrenches

No.	Openings	Length
E40	3/16" & 13/64"	2-7/8"
E42	7/32" & 15/64"	3-1/8"
E44	1/4" & 9/32"	3-3/8"
E46	5/16" & 11/32"	3-3/4"



### Gray-Bonney Brake Tools

### No. 2680 Brake Spring Plier



An unusually efficient brake spring plier designed especially for the removal and replacement of internal brake springs on all types and sizes of cars and trucks. (except Ford).

### No. 525 Brake Spring Plier



An extra slim, light brake plier which will work well on all passenger cars and light trucks. Not guaranteed.

### No. 2357D Ford Brake Wrench



This wrench is invaluable when making adjustments on all model V8 brakes. Has 7/16" and 1/2" double square openings, and is drop forged from alloy steel. This wrench is of new design and has ample offset to clear all obstructions.

### Nos. 2566 and 2566A Brake Tools



No. 2566 for Bendix Brakes on cars such as Hudson and Essex. No. 2566A (one end straight) for most other cars.

### No. 2599 Hydraulic Brake Wrench



This new wrench is designed for use on Bendix and other hydraulic brakes. The curved blade is for "star wheel" adjustments, and the open end is for eccentric nuts on two shoe brakes. Has 3/16" opening at one end, and the curved blade is 3/8" wide.

# No. L0925 Hydraulic Brake Cylinder Hone

Simple but sturdy construction makes it easy and inexpensive to operate and assures long, satisfactory service.

Each body has two sets of three slots: one set of three milled shallow and the other set of three milled 1/32" deeper.

One set of blades expands 1/16 of an inch in each set of slots or, moving them from one set of slots to another gives 1/8 of an inch expansion; using the three sets of blades in this manner gives 3/8 of an inch expansion in each body so that the set described below with the three bodies has a range of from 3/4" to 1-7/8", which covers practically all pleasure cars and trucks.

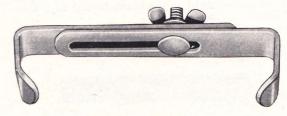


No. L0925—Range 3/4" to 1-7/8", contains three bodies, three sets of three blades (small, medium and large), with abrasives mounted, eighteen extra abrasives (nine coarse and nine fine). Special 1" cup screw to be used on medium size body when honing step bore cylinders and flexible driving shaft adaptable to 1/4" or 1/2" electric drill, put up in neat metal box.

Individual parts for L0925 set:

L0899C—Coarse hone abrasives (1 dozen). L0899F—Fine hone abrasives (1 dozen). L0920—Flexible driving shaft.

### No. 463 Hydraulic Brake Clamp Set



This little inexpensive tool will save you much trouble when working on hydraulic brakes. It holds the cylinder in closed position to prevent bleeding when shoes are removed. Simply put a clamp on each cylinder as you remove the brake shoes. There are four clamps to the set.



### Gray-Bonney Adjustable Wrenches

### Gray-Alloy Adjustable Wrenches



The Gray-Alloy light weight adjustable wrench is forged from high-grade alloy steel. It is thinner and lighter, yet much stronger than the standard pattern.

Size	Max. Opening
<b>D14</b> - 4" 1.14	$\frac{1/2''}{3/4''}$
D 18- 8" 1.38 D 1/0 10" 1.72	15/16'' $1-1/8''$ $1-5/16''$
D 7/2 12" 2.34 15" 18"	$\begin{array}{c} 1-3/16 \ 1-11/16'' \ 2-1/16'' \end{array}$



Gray-Bonney "Dreadnaught" Adjustable Wrenches are drop forged from high quality carbon steel carefully heat treated.

Size	Max. Opening	
6" 95 8" - 1.07	3/4'' $15/16''$ $1-1/8''$ $1-5/16''$	
12"	1-5/16''	

### Allen Head Screw Wrenches



These wrenches are practically indispensible in modern shops, as all late model motors are using hollow head cap screws and set screws on which these wrenches must be used.

No.	Dia. Screw	Hex. Opening	No.	Dia. Screw	Hex. Opening
W3 W4 W5	3/16" 1/4" 5/16"	3/32" 1/8" 5/32"	W7 W8 W10	7/16" 1/2" 5/8"	7/32" 1/4" 5/16"
W6	3/8"	3/16"	W12	3/4"	3/8"

W13 Set of 8 above wrenches in fibre box.

# Stillson Wrenches

Gray-Bonney Stillson Wrenches are correctly designed and sturdily built. Made of materials most suitable for the work to which wrenches of this type are subjected. The handles and jaws are drop forged and heat treated to produce tough, durable teeth.

Size	Grips Pipe	Size	Grips Pipe
6"	1/8"—1/2"	18"	1/4"—2"
8"	1/8"—3/4"	24"	1/4"—2-1/2"
10"	1/8"—1"	36"	1/4"— $3-1/2$ " $1$ "— $5$ "
14"	1/4"—1-1/2"	48"	

Genuine RID Wrenches

Straight Pattern 8 1.20 1.31

| 10 2.10 2.05 | 14 2.95 2.11

A.P

Ridgid Pipe Wrenches have long been famous for their remarkable durability under hard usage. They are drop forged from specially selected steel and carefully heat treated. The unbreakable housing and free-moving nut are features that will be appreciated by all good mechanics.

L. Bsize	Grips Pipe	Size	Grips Pipe
6"	1/8"—1/2" 1/8"—1"	14" 18"	1/4"—2" 2./9 1/4"—2-1/2" 3./4
1.62 10"	1/8"—1-1/2" 1/4"—2"	24" 36"	1/4"—3" $1/4"$ —4–1/2"

Off-Set Pattern Timo

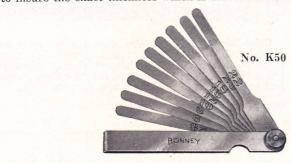


The offset head of this wrench will facilitate reaching those hard-to-get-at places which waste valuable time. As in the straight type the jaws will grip firmly without locking on the job.

Size	Grips Pipe	Size	Grips Pipe	
6E	1/8"—1/2"	14E	1/4"—2"	2.3
8E	1/8"—1"	18E	1/4"—2-1/2"	
10E	1/8"—1-1/2"	24E	1/4"—3"	
12E	1/4"—2"	36E	1/4"—4-1/2"	

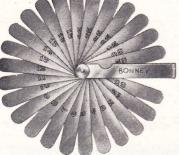
### Gray-Bonney Feeler Gauges

Gray-Bonney Feeler Gauges are made from the finest, imported Swedish steel, carefully heat-treated and tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.













No. K54

### No. K56 Single End Feeler Gauge Stock Holder



Any thickness of feeler gauge stock coils within the handle and can readily be pulled out for use. Any desired length of strip stock or standard 12" blades may be used. Positive sliding lock securely holds blades. Made from hard drawn, cold rolled steel and satin nickel plated. Length, 4-1/2". Weight, 1 oz.

### No. K50 Brake Adjusting Gauge

For measuring clearance between brake and shoe. 9 blades 4" long in the following thicknesses—.006; .008; .010; .012; .015; .018; .020; .022 and .032.

### No. K51 General Purpose Gauge

Especially for tappet and ignition work—the most popular gauge on the market. 10 blades 1-1/2" long, 10 blades 3-5/8" long and 3" point file. Short blades in the following thicknesses—.012; .013; .014; .018; .020; .022; .024; .025; .028; .032. Long blades in following thicknesses—.002; .003; .004; .005; .006; .007; .008; .010; .013 and .015.

### No. K52 Ignition Gauge

Contains 10 narrow blades 1-1/2" long and 3" point file for ignition, distributor points and spark plugs. Thickness of blades included as follows—.012; .013; .014; .018; .020; .022; .025; .028; .032 and .035.

### No. K53 Universal Master Gauge

Has full range of spacers—25 blades, each 3-5/8" long in following thicknesses—.0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032

### No. K54 Standard Feeler Gauge

Contains 10 blades 3-3/8" long in following sizes—.002; .003; .004; .005; .006; .007; .008; .010; .012 and .015.

### No. K55 Extra Long Feeler Gauge

Exceptionally useful for pistons, etc. Has 8 blades, each 9" long in the following sizes—.002; .003; .004; .005; .006; .008; .010; .015.

### Feeler Stock

Made from the same high grade Swedish Feeler Stock as Gray-Bonney Gauges, but in handy and economical 12" lengths. Each length is plainly marked and is individually wrapped in cellophane. 12 lengths to carton.

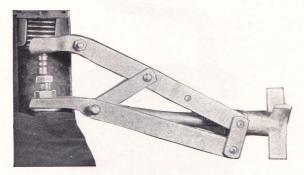
Available in the following sizes—.0015; .002; .004; .006; .008; .013; .015; .018; .024 and .025.

No. K55



### Gray-Bonney Valve Tools

### No. CFI Stubby Type Valve Lifter



The little stubby has many outstanding features to make it the most popular universal valve lifter on the market to-day. It is so small that it gets in all the tight corners with ease. It has no catches to wear and slip; no pinching of fingers, etc. Not necessary to remove manifolds when you use a Gray-Bonney stubby.

### No. CF2 Split Lock Replacer



The No. CF2 is just the tool for replacing all types of split keys on hard-to-get-at motors — Chrysler, Dodge, DeSoto, Plymouth, Studebaker, Oldsmobile and all late model cars. The sliding base prevents the keys from dropping into the motor. Simple to load; easy to operate; much safer than grease.

### Valve Micrometer Gauge



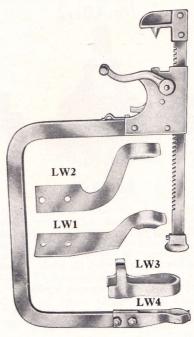


This tool will be found invaluable to the Ford mechanic when fitting valves. The time wasted in using feeler gauges and trying the valve in the motor is completely eliminated, and the job can be done in half the time usually taken, and with accuracy that cannot be equalled.

No. L0130 Complete Set for 60 Horse Power V-8 Fords.

No. L0131 Complete Set for all Model A, B and V-8 Fords (except 60 H.P.), and all Mercury and Lincoln Zephyrs.

### No. CF3 Little Wonder Valve Lifter



This popular type of valve lifter is a necessity in every garage. It is large enough to clear the manifold, thereby saving valuable time. The improved rack and pinion mechanism will lock securely at any desired point, and the thin jaws will fit into any coil so that the spring can be compressed and the pin removed. The re-compression device makes it easy to compress springs before replacement. This lifter will work equally well on cars as well as trucks, and comes complete with three different sized compression jaws LW3 (for replacing spring in motor) and one pair of straight standard jaws, LW4 as illustrated.

#### Extra Parts

No. LW1—Offset G.M.C. and Continental Jaws (pair) No. LW2—Special Plymouth and Dodge Jaws (pair)

No. LW3-Extra Spring Clips (set of three).

No. LW4-Straight Standard Jaws (pair).

### No. FT57 V-8 Universal Valve Lifter

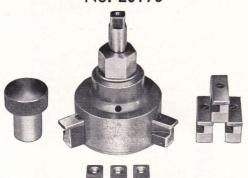
To Fit All Models



A new design of Ford Valve Lifter especially designed to fit all models. The double end feature is a definite improvement over the old type and eliminates the necessity of buying two tools. Drop forged from alloy steel and 27" long. Not guaranteed against breakage.

### Gray-Bonney Piston and Special Tools

### Universal Cylinder Ridge Reamer No. L0173



This ridge reamer removes the unworn ridge from the cylinders of all cars with bores from  $2\frac{n}{16}''$  to  $4\frac{n}{6}''$ . The supporting lugs are mounted on the blades and expand with them. This eliminates the necessity of removing studs. For cars with recessed heads the lugs are replaced by small plates and the tool rests on the top of the piston while reaming.

No. L0173 Set, as illustrated, contains one set of three blades with lugs to ream  $2\frac{9}{16}"$  to  $3\frac{3}{4}"$ , one set of three blades with lugs to ream  $3\frac{3}{4}"$  to  $4\frac{7}{8}"$ , one set of three plates and one operating knob, in metal box.

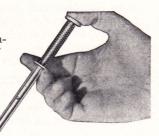
### No. 839 Carbon Scraper



Made from spring steel wire to assure long life and flexibility. Permits scraping uneven contours on cylinder heads and blocks.

### **Holding Tools**

For starting screws, inserting and removing small washers, pins and similar objects, this tool is invaluable. The four spring steel fingers are forced open by pressure on the plunger. When



pressure is released, jaws grip object firmly. This tool is finished in attractive nickel plate, and will be a useful addition to any tool kit. For starting pan screws on Chevrolet, the No. K8 is unequalled.

No.	Reach	Length
K4	3"	5-3/4" 8-3/4" 12-3/4"
K6	6"	8-3/4"
K8	10"	12-3/4''

### Improved Ring Compressor



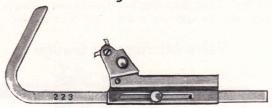
This new and improved ring compressor is a definite improvement over anything previously offered. The self locking pawl will hold the compression band at any point, and in addition a double tension band is provided. This band of high grade spring steel will reduce breakage to a minimum, and will eliminate flare out at the bottom of the compressor. The handle is made of 1/4" stock and can easily be replaced if lost. The beaded edge will prevent the compressor from entering the cylinder. This new tool is made in three sizes, as follows:

No. RC1 for cars 21/2" to 5"-Non-locking.

No. RC2 for cars 21/8" to 5".

No. RC3 for trucks and Diesel engines with range of 316" to 7"

### No. 223 Ring Groove Cleaner



A handy and practical tool which should be in every garage. The cutter can be instantly adjusted to the desired size of 3/32", 1/8", 5/32" or 3/16", and will handle pistons from the smallest to 6" O.D. Where a groove has to be deepened for the installation of inner rings this tool is ideal.

#### Shop Knife



For cutting shims, gaskets, packing, top and upholstery materials, this Knife is unsurpassed. Five razor edge blades fit inside the handle, and a new one can be inserted in an instant.

No. 199 Die Cast Aluminum Handle, Complete With

No. 199C Cast Iron Handle, Red Enamel, Complete With Blades.

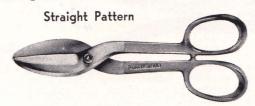
Extra Blades are available for these Knives in packages of five.



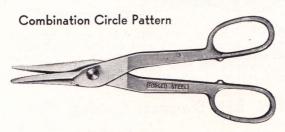
### Gray-Bonney Miscellaneous Special Tools

### Tinners' Snips

These snips are of excellent quality. They are made from a one-piece drop forging, precision ground and hand polished. The cutting edges are keen and will give long and satisfactory service.



No.	Length	Cut
507	7"	2"
510	10"	$\frac{2-3/4"}{3-1/4"}$
512	12"	3-1/4"



The combination circle pattern snip is an allpurpose snip. It will cut either right or left-hand direction. This extra slim snip is ideal for garage mechanics, as well as metal workers.

707	7"	1-7/8"
710	10"	1-7/8" 2-3/4" 3-1/8"
712	12"	3-1/8"

### "LonGriP" Screw Extractors



Ridgid "LonGriP" Extractors are positive in operation and easy to use. Simply drill the screw to be removed with the correct size drill (as shown below), use the corresponding extractor, and turn.

Set No. R3—Extractors Nos. 3, 4 and 5.

Set No. R5—Extractors Nos. 1, 2, 3, 4 and 5.

No.	Fits Screw	Use Drill	O.D.	Length	Depth
1 2 3	1/4" 5/16" 3/8"	1/8" 3/16" 1/4"	.139 .205 .272	2-5/16" 2-3/4" 3-1/16"	1" 1"
4 5	7/16"	5/16" 11/32"	.338	3-5/16" 3-3/4"	1"

#### Thread Restorers

Gray-Bonney Thread Restorers will save you much time and trouble when you have damaged threads to contend with. A few strokes across battered threads produce a true new thread—nut will then go on easily. Add a pair to your service kit.

No. TR1—has 8 thread sizes—11, 12, 13, 14, 16, 18, 20 and 24 threads to the inch.

No. TR2—has 8 thread sizes—9, 10, 15, 16, 20, 26, 28 and 32 threads to the inch.

No. 2628 Adjustable Hack Saw Frame Miller



A sturdily built hack saw frame with comfortable pistol grip handle. Adjustable from 8" to 12". Full nickel finish.

### High Speed Steel Hack Saw Blades

These HIGH SPEED blades are made from the finest steel obtainable, and will give the utmost in service under the most exacting conditions. Due to careful heat-treating they are extremely flexible, thus ensuring long life and protection against breakage.

No.	Width	Length	Gauge	Teeth per inch
HS1018	9/16"	10"	.025	18
HS1024	9/16"	10"	.025	24
HS1032	9/16"	10"	.025	32
HS1218	9/16"	12"	.025	18
HS1224	9/16"	12"	.025	24
HS1232	9/16"	12"	.025	32

### Tungsten Alloy Steel Hack Saw Blades

An excellent alloy steel blade that will give good service under all conditions.

No.	Width	Length	Gauge	Teeth per inch
TA1018	1/2"	10"	.025	18
TA1024	1/2"	10"	.025	24
TA1032	1/2"	10"	.025	32
TA1218	1/2"	12"	.025	18
TA1224	1/2"	12"	.025	24
TA1232	1/2"	12"	.025	32



# Gray-Bonney Automotive Pliers Heat Treated and Tempered Right Through

No. 522 Angle Nose Battery Plier



The handiest plier ever designed for battery work. Angle Nose Type. 7-1/2'' long.

No. 523 Angle Gripping Plier



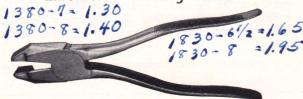
An extremely powerful tool with the handiness of a plier and the grip of a stillson. Has full-fashioned, knurled handles, with the head set at 45° angle. Jaw will take up to 3/4". 7" long.

No. 258 Waterpump Plier



New and improved design, having ten adjustments. Jaws open to 2'', length 9-1/2''.

Linemen's Cutting Pliers



Made from alloy steel, light in weight and of great strength. The handles fit the hand perfectly and are knurled. The cutting qualities are unsurpassed. Full polished finish.

No.	Description
B22 • 1.64	Linemen's Plier 6"
B23 • 2.12	Linemen's Plier 8"

No. 517 Midget Ignition Plier



The design of this plier enables it to get into tight places. Spring tempered. Fits all ignition units.

Note.—While this plier is made of alloy steel, its very delicate construction is such that, if broken, it must be returned to the factory or your jobber for repairs, at a net cost of 45c.

No. 39 Diagonal Cutting Plier



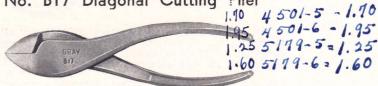
This plier is a high quality, diagonal cutter, with hand-honed cutting edges. Drop forged from alloy steel and finished in satin nickel, with polished head. Length overall, 7".

No. B18 Diagonal Cutting Plier



This new heavy duty cutter has extra leverage and is designed for heavy work and long life. Forged from special high carbon alloy steel, carefully ground cutting edges. A good cotter pin puller. Chrome plated, polished head. 7" long.

No. BI7 Diagonal Cutting Plier



Medium in size but big in cutting power. These light diagonals will handle tough cutting jobs with ease. 6" long.

No. 654 Long Nose Side-Cutting



Specially adapted for fine work. Spring tempered nose and keen cutting edges. 6" long. Not guaranteed.

No. BI5 Combination Side-Cutting



This low-priced general purpose plier is drop forged from alloy steel and will give you many times its cost in service. Length 6''.



### Gray-Bonney Automotive Pliers

Heat Treated and Tempered Right Through

### No. B16 Combination Side-Cutting Plier



A new medium priced 6" general purpose plier that combines sturdy gripping power and excellent cutting jaws. Forged from alloy steel. Chrome plated—polished head.

### No. 513 Combination Side-Cutting



This slender, light weight, yet rugged, slip-joint plier has become a top favourite with mechanics who prefer a good quality general purpose plier. Forged from special high carbon alloy steel. The cutting edges are ground to give a slight clearance at the gripping end, thus ensuring longer life. The cutting edges can be re-sharpened. Chrome plated—polished head. 7" long.

#### L 28 = 1.16 Combination Pliers



The general purpose tool for all types of work, drop forged, slip-joint, with handy wire cutters.

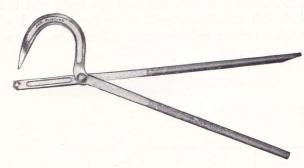
No.	Description
В5	Combination Plier 5"
B6	Combination Plier 6"
B8	Combination Plier 8"
B10	Combination Plier 10"

### No. 525 Brake Spring Plier



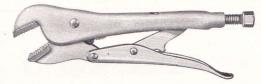
An extra slim, light brake plier which will work well on all passenger cars and light trucks. Not guaranteed.

### No. 2680 Brake Spring Plier



An unusually efficient brake spring plier designed especially for the removal and replacement of internal brake springs on all types and sizes of cars and trucks. (Except Ford).

### Vise-Grip Plier



This plier is undoubtedly one of the most useful tools ever offered to the mechanic. More than a ton of pressure can be exerted by the use of one hand, and the double lever action allows the plier to be locked on the work with a grip that simply will not slip. This tool will be found invaluable in every garage and machine shop, and will do many jobs which usually take up a lot of valuable time. This plier is carefully designed and forged from alloy steel, and will stand up under the most severe use. Available in two sizes.

No. VG7—7" long. 2.25 No. VG10—10" long. 2.57

### Thin Nose Combination Pliers



These pliers can be used to good advantage on all kinds of small work—radio and electrical. Nickel plated.

No.	Description
B11	Combination Plier (Thin Nose) 5"
B12	Combination Plier (Thin Nose) 6"



### Gray-Bonney Punches and Chisels

Chisels, Punches and similar hand tools are naturally subjected to very severe service. Gray-Bonney has spared no effort to meet these conditions and to offer the best in these types of tools. All are made of special alloy steel and are carefully forged and heat treated. Mechanics find that the bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. They have comparatively soft heads, which reduce chipping and allow them to be readily redressed when battered.

#291-40

#493= .30

BONNEY



#### PIN PUNCHES

No.	Size Stock	Point Diameter	Length
C28	3/8"	1/8"	5"
C29	1/2"	3/16"	5-5/8"
C30	5/8"	1/4"	6-3/8"

#### FLAT CHISELS

No.	Size Stock	Width of Cut	Length
6 C2 6 C3 6 C4 C5 C6 C7	3/8" 1/2" 5/8" 3/4" 7/8"	1/2" 5/8" 3/4" 7/8" 1" 1-1/4"	5-1/2" 6" 6-1/2" 7-1/2" 8" 8-1/2"



#### LONG TAPER PUNCHES

No.	Size Stock	Point Diameter	Length
C25	3/8"	5/32"	8"
C26	1/2"	3/16"	9"

#### LONG FLAT CHISEL

No.	Size Stock	Width of Cut	Length
C10	3/4"	7/8"	14"



### BONNEY

#### SOLID PUNCHES

No.	Size Stock	Point Diameter	Length
C21 C22 C23	3/8" 1/2" 5/8"	1/16" 3/32" 1/8"	5-1/2" 6-1/4"

#### CAPE CHISELS

No.	Size Stock	Width of Cut	Length
C12	1/2"	1/4"	6"
C13	5/8"	3/8"	7"



### DIAMOND POINT CHISELS

No.	Size Stock	Width of Cut	Length
C15	1/2" 5/8"	1/4"	6"

#### PRICK PUNCH

No.	Size Stock	Length
C32	3/8"	5"



### CENTRE PUNCH 455 . .25

No.	Size Stock	Length
C34	3/8"	5"

#### **ROUND NOSE CHISELS**

No.	Size Stock	Point Diameter	Length
C18	1/2"	1/4"	6"
C19	5/8"	3/8"	7"



#### RIVET BUSTER

No.	Size Stock	Width of Cut	Length
C36	3/4"	5/8"	12"

#### PRY OR PINCH BAR

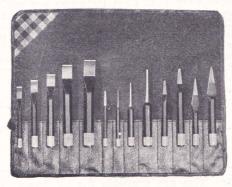
No.	Size Stock	Length
338	5/8"	16"



### Gray-Bonney Punch and Chisel Sets

Gray-Bonney Chisels and Punches are forged from selected alloy steel and are carefully heat treated. Their working bits are hard and tough enough to work on any untempered material, but still sufficiently soft to be resharpened with a file. Their comparatively soft heads reduce chipping to a minimum and allow them to be readily redressed when battered. No better tools of this type can be purchased anywhere.

### No. C46 Chisel and Punch Set



The Gray-Bonney No. C46 Set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every-day requirements. Nine chisels and four punches are included, as follows: Flat Chisels Nos. C2, C3, C4, C5, C6. Cape Chisels Nos. C12 and C13, and Diamond Point Chisels Nos. C15 and C16. Pin Punches Nos. C28, C29, C30, and Centre Punch C34.

Every piece is forged from high quality alloy steel and is carefully heat treated. The heads and working bits are full finished.

C46CB-In cardboard box.

C46LR—In leatherette roll.

#### Guarantee—Punches and Chisels

Every care is taken to eliminate the possibility of defects in Gray-Bonney punches and chisels. We will gladly replace any tool, which after reasonable use, shows signs of defective material or workmanship, provided that claim is made within thirty days from date of purchase. Punches or chisels which have been abused or reground cannot be replaced.

### Lining-Up Punches

#### (Silico-Manganese Steel)

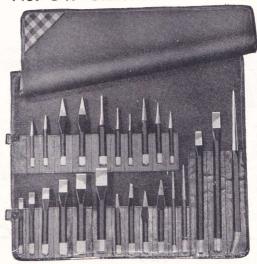
No. 8386—Lining-Up Punch, 5/8" stock, 5/16" point. Length, 15".

No. 8385—Lining-Up Punch, 3/4" stock, 5/16" point. Length, 18".

### C39 Super Pry Bar

A pry bar and lining-up punch designed so that it can be used as a powerful lever for removing gears, bushings, bearings, ball races, etc.

#### No. C47 Chisel and Punch Set



For mechanics who require a complete line of punches and chisels there is no better assortment than the Gray-Bonney C47 Set. It contains thirteen Chisels, ten Punches, a Rivet Buster and a Pry or Pinch Bar.

Chisels included—Flat Chisels Nos. C2, C3, C4, C5, C6, C7; Cape Chisels C12 and C13; Long Flat Chisel C10; Diamond Point Chisels Nos. C15 and C16; Round Nose Chisels C18 and C19. Punches included—Long Taper Punches Nos. C25 and C26; Prick Punch C32; Solid Punches C21, C22, C23; Pin Punches C28, C29, C30; Centre Punch C34. Rivet Buster C36 and Pry or Pinch Bar C38.

C47CB—In cardboard box. C47LR—In leatherette roll.

### No. C44 Punch Set

Contains the five most used punches—C28 and C29 Pin Punches, C21 and C22 Solid Punches and C34 Centre Punch.

C44LR—In leatherette roll.

C44CB-In fibre box.

### No. C45 Flat Chisel Set



The Gray-Bonney C45 Flat Chisel Set completely covers the range of chisel requirements of the average mechanic. It contains five flat chisels—Nos. C2, C3, C4, C5 and C6, having width of cuts of 1/2", 5/8", 3/4", 7/8" and 1", respectively.

All are forged from high quality alloy steel of the composition most suitable for this type of tool. They are heat treated to assure a hard, tough working bit, while their octagon shape offers an easy, secure grip.

C45CB—In cardboard box. C45LR—In leatherette roll.



# Gray-Bonney Hammers and Body and Fender Tools



Gray-Bonney No. 212 Series Ball Pein Hammers are drop forged from selected steel and carefully heat treated. The handles are of straight grain hickory, securely fastened in the head, with our special iron S wedge. The No. 212 Series have head, pein and sides polished, with the balance finished in black enamel.

No.	LB.	Weight	A.P.
212A 212C 212E 212G	1.35	2-1/2 Lbs. -2 " 1-1/2 " 1 "	1.13
212H L 212I J 212K	.79	3/4 " 8 oz. 4 "	.91

### Multi-Head Hammer



This hammer is designed so that the changing of faces is a matter of seconds. The head is made of forged steel carefully machined, so that the heads are locked firmly in position. The hammer comes complete with five tips: Pyralin, copper, lead, rubber and composition.

No. PH5M-Complete with tips.

No. PHP-Extra Pyralin tip.

No. PHR-Extra rubber tip.

No. PHB-Extra composition tip.

No. PHL-Extra lead tip.

No. PHC-Extra copper tip.

### Bumping Hammer



No. PH22—This hammer has polished faces and black body. Head, 4-1/4" long. Round face, 1-1/4" in diameter. Square face, 1-1/4" square. Overall length, 12". Weight, 14 ozs.

#### Soft Face Hammers



Gray-Bonney Soft Face Hammers are useful for fitting piston pins and similar jobs, and for body and fender work. The tips are of a tough, ambercolored composition material that will not mar a finely finished surface. New tip may be attached by turning the old one loose with a pipe wrench and pressing on the new tip. The hammer is properly balanced and the hickory handle is securely locked in the head.

No.	Weight
PH17	1/4 lb.
PH15	1/2 lb.
PH20	1 lb.

Extra Tips are available for all hammers. To order, simply specify number of hammer.

### Light Bumping Hammer



No. PH23—A light weight finishing hammer with polished faces on the head and black body. Head, 4" long. Round face, 1-1/4" in diameter. Square face, 1-1/8" square. Overall length, 11-1/2". Weight, 9 ozs.



No. PH24—A finishing hammer with faces crowned and polished; body of head finished in black. Head, 6" long. Large face, 1-5/8" diameter. Small face, 1-1/4" diameter. Overall length, 12". Weight, 13 ors

### Light Dinging Hammer



No. PH25—A sturdily made, light weight finishing hammer. Head 6-1/2" long. Large face 1-1/4" square. Small face, 1-1/16" in diameter. Overall length, 11-1/2". Weight, 10 ozs.



### Gray-Bonney Body and Fender Tools

### Special Bumping Hammer



No. PH26—The head is drop forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head, 4" long. Weight, 7 ozs.

### Upholsterers' Magnetic Hammer



No. PH27—Head is polished all over and one end is magnetized. Head is 5-1/2" long. Overall length, 12". Weight, 7 ozs.

### Fender Bumper Mallet



No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter, chip or split. Handle is of hickory. Head 2-1/2" in diameter, 4-1/2" long. Handle is 11-1/2" long.

### Regular or Toe Dolly Block



No. F2—Drop forged of selected steel and full surface ground and polished. Length, 4-3/4". Width, 2-1/4". Thickness, 1-1/16". Weight, 2-1/2 lbs.

### Heel Dolly Block



No. F3—Drop forged of steel most suitable for this type tool. Full surface ground and polished. Length, 2-1/2". Width, 3-1/8". Thickness, 1-1/2". Weight, 2-1/4 lbs.

### Bar Dolly



No. F4—Drop forged steel and full surface ground and polished. Length, 4-1/4". Width, 2". Thickness, 1-1/2". Weight, 3 lbs.

### Wedge Dolly Block



No. F5—Especially designed for work on turret tops. Drop forged of selected steel, with working surfaces highly polished. Length 5". Width 2-1/2". Weight, 2-1/2 lbs.

### General Purpose Dolly Block



No. F6—Full surface ground and polished. Weight, 3 lbs.

### Budd Dolly Block



No. F7—Drop forged of selected steel. Full surface ground and polished. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radii of the curves. Weight, 3 lbs.

### Small Hand Hold Dolly



No. F10—Working surfaces are ground and polished. Weight, 2-1/4 lbs.



### Gray-Bonney Body and Fender Tools

### Large Hand Hold Dolly



No. F12—Working surfaces are ground and polished. Weight, 3-1/2 lbs.

### Special Door Panel Spoon



Blade is 2-1/4" wide, 5-1/2" long. Handle is 7/8" diameter. Weight 23 ozs.

### Wide Body Spoon



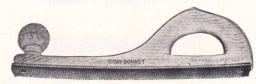
No. F15—Blade ground and polished. Dimensions of blade: 2-1/16" wide, 5" long. Overall length, 10-1/2". Weight, 1 lb.

### Panel Spoon



No. F16—Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade 2-1/4" wide, 6-1/4" long. Overall length, 11-1/4". Weight, 22 ozs.

#### Flat File Holder



No. F24—This inexpensive file holder for the regular 14" flat file has long proved very popular with body workers. It is light in weight, yet has the strength of a metal holder. The comfortably shaped hand grip and perfect balance give the operator perfect control, resulting in quick satisfactory work.

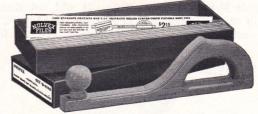
### Flexible Body File



No. F25—The application of the milling cutter principle to body files has produced a file that will last longer and do better work. Each tooth is individually milled, and the U shaped groove provides maximum clearance allowing the ribbon like shavings to be cleared quickly and easily. The elimination of packing and loading is a feature of this new file, and the teeth will maintain their razor like sharpness several times as long as the old V tooth file. Overall length, 14".

### File and Holder Set

Holder Supplied Free



No. F26—For the shop using the F25 14" file, this combination will prove to be excellent value. Six general purpose 14" files and a No. F24 Holder for the ordinary cost of the files.

### Adjustable File Holder



No. F30—Can be used on 12" and 14" files. This holder is strongly made, yet is light and handy. Can be adjusted for curving the file either outward or inward.



### Gray-Bonney Body and Fender Sets

FBIO Set

Contains 10 Pieces



A compact set of body and fender tools suitable for taking care of the minor bumps which the average shop is called on to straighten out. Contains 10 pieces packed in an attratively finished metal case measuring 21" x 7" x 6".

No.	Description	
F2	Regular or Toe Dolly Block	
F3	Heel Dolly Block	
F4	Bar Dolly	
F6	General Purpose Dolly Block	
F10	Small Hand Hold Dolly	
F25	Flexible Body File	
F30	Adjustable File Holder	
PH22	Bumping Hammer	
PH24	Dinging Hammer	
PH26	Special Bumping Hammer	

FB14 Set Contains 14 Pieces

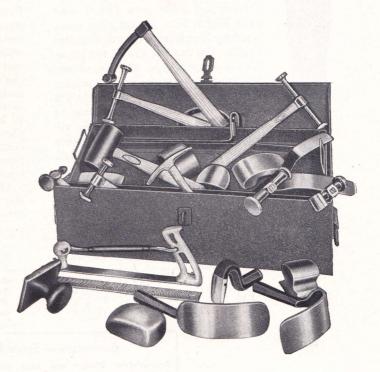


Contains 14 essential pieces for body and fender repair work. Packed in a strong, attractively finished metal box with removable tray, padlock hasp and carrying handle. The box is sufficiently large to take care of tools you may have on hand or wish to add later. It measures 21" x 7" x 6".

No.	Description	
F2	Regular or Toe Dolly Block	
F3	Heel Dolly Block	
F4	Bar Dolly	
F5	Wedge Dolly Block	
	General Purpose Dolly Block	
F6	Large Hand Hold Dolly	
F12	Special Door Panel Spoon	
F13		
F16	Panel Spoon	
F25	Flexible Body File	
F30	Adjustable File Holder	
PH22	Bumping Hammer	
PH24	Dinging Hammer	
PH25	Light Dinging Hammer	
DH26	Special Bumping Hammer	

FB19 Set

Contains 19 Pieces



A complete set of fender hammers, dollies, spoons, files, etc., for the specialist in body and fender repair work. Each tool has been carefully selected so that any job can be done with speed and thoroughness. Packed in attractive metal chest with tote tray and strong padlock hasp. Chest size, 21" x 7-1/2" x 8-1/8".

No.	Description	
F2	Regular or Toe Dolly Block	
F3	Heel Dolly Block	
F4	Bar Dolly	
F5	Wedge Dolly Block	
F6	General Purpose Dolly Block	
F7	Budd Dolly Block	
F10	Small Hand Hold Dolly	
	Large Hand Hold Dolly	
F12	Special Door Panel Spoon	
F13	Special Door Faller Spoon	
F15	Wide Body Spoon	
F16	Panel Spoon	
F25	Flexible Body File	
F30	Adjustable File Holder	
PH22	Bumping Hammer	
PH23	Light Bumping Hammer	
PH24	Dinging Hammer	
PH25	Light Dinging Hammer	
PH26	Special Bumping Hammer	
PH27	Upholsterers' Magnetic Hammer	

NOTE: None of the sets on this page are supplied exactly as illustrated, but contain tools as listed, in suitable substitute boxes.



3001-4- H2 30 -6-.63

3006-4 = .31 6 = .49 8 = .63

### Gray-Bonney Screw Drivers

#### Square Shank

Gray-Bonney Square Shank Screw Drivers are made with forged onepiece blades, from special alloy steel, carefully heat treated over their entire length. The handles are of the popular transparent type, which combines toughness and durability with attractive appearance. Screw drivers in the square series are primarily designed for strength and are confidently recommended for heavy work. Blades are formed with an upset shoulder, against which the handles are forced, and the method of anchoring the shank eliminates the possibility of loose handles.

No.	Length of Blade	Width of Tip	Overall Length
S04	4"	5/16"	7-3/4"
S06	6"	7/16"	10-1/4"
S08	8"	1/2"	12-3/4"
S012	12"	1/2"	17-1/2"

#### Round Shank

Gray-Bonney Round Shank Screw Drivers are somewhat lighter than the square type, and are ideal for automotive mechanics. They are made with blades ranging from 4" to 12", and all tips are taper ground, with the entire length of the blades finely polished. The handles are made of moulded composition, and in addition to being extremely durable, are designed to give the user a secure yet comfortable grip. The blade is forged from alloy steel and carefully heat treated over its entire length.

These screw drivers are ideal for electrical work as the handles are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
04	4"	1/4"	7-3/4"
06	6"	5/16"	10-1/4"
08	- 8"	3/8"	13"
012	12"	7/16"	17-1/2"

#### Guarantee - Screw Drivers

Screwdriver Blades are heat treated throughout; broken blades can be reground or returned to factory for regrinding. We cannot accept responsibility for screwdrivers which have been abused.

3008-3" 32

### Electricians'

Gray-Bonney Electricians' Screw Drivers are designed with the care and precision so necessary in screw drivers of this type. The blades are forged from special alloy steel, and are heat treated over their entire length. All drivers, regardless of length, are made from 3/16" stock, which makes them invaluable for reaching hard-to-get-at-screws. The handles are made of tough transparent composition, and are non-conductors of electricity.

No.	Length of Blade	Width of Tip	Overall Length
003	3"	3/16"	6-1/2"
006	6"	3/16"	9-1/2"
0010	10"	3/16"	13-1/2"

### Wood Handle

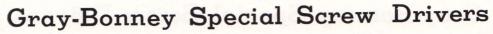
Oray-Bonney Wood Handle Screw Drivers are made with the same high grade materials as used in the more expensive drivers. Blades are forged from alloy steel, and are securely anchored in the handles, which are of selected hardwood and beautifully finished.

Tips are taper ground, and the fluted handles give a firm yet comfortable grip. These screw drivers are ideal for mechanics, carpenters and electricians, and are excellent value.

No.	Length of Blade	Width of Tip	Overall Length
W03	3"	7/32"	7-1/4"
W04	4"	1/4"	9"
W06	6"	5/16"	11-3/4"
W08	8"	3/8"	14-1/2"
W010	10"	7/16"	16-1/2"







### Phillips' Screw Drivers

Wood Handle

Phillips' screws are rapidly becoming very popular, and every mechanic should have one or more screw drivers of this type. The sizes listed below will take care of all screws. Blades are forged from alloy steel, and are carefully heat treated. The handles are of hardwood, and attractively finished.

No.	Bla	Blade		Fits Phillips Screws
No.	Length	Diam.	Length	Ties I minips berews
WP1	3"	9/64"	6-1/4"	No. 4 and smaller
WP2	4"	1/4"	8-3/4"	No. 5 to No. 8 inc.
WP3	6"	5/16"	11"	No. 10 to No. 16 inc.
WP4	8"	3/8"		No. 18 and larger

For the mechanic who needs a full set, No. WP Set contains one of each above size. Packed in cardboard box.

### Phillips' Screw Drivers

Composition Handle



Where extreme strength is required, these new Phillips' Screw Drivers will be ideal. They have the popular transparent handles, with the blades securely anchored to prevent turning.

	NT.	Die	auc	Overall	Fits
	No.	Length	Diam.	Length	Phillips Screws
35	CP1 CP2 CP3 CP4	3" 4" 6" 8"	9/64" 1/4" 5/16" 3/8"	6'' $7-3/4''$ $10-1/4''$ $11''$	4 and smaller 2151 - 96 5 to 9 Inc. 2152 1.13 10 to 16 Inc. 18 and larger

### Short Phillips' Screw Drivers

For cramped quarters—in tightening wind-shield mouldings and on similar jobs—that cannot be reached with regulation

Blade

ed with regulation length screw drivers, these short screw drivers will be found convenient. Of quality equal to regulation length wood handle screw drivers for Phillips' Screws.

No.	BI	ade	Fits Phillips	
No.	Length	Diameter	Screw	
SP1 SP2	1" 1-3/8"	9/64"	No. 4 and Smaller No. 5 to No. 9 Inc.	

### Robertson Screw Drivers

Wood Handle

The extensive use of Robertson screws in automobile body work makes it necessary for all mechanics to own a set of Robertson screw drivers They are strongly made and finished in different colors, which indicate the size.

No. RB1—Green—for screws 4, 5 and 6; 8-1/4" long.

**No. RB2**—Red—for screws 7, 8 and 9; 9-1/2" long.

No. RB3—Black—for screws 10-14, incl.; 9-1/2" long.



### No. 0672 Offset Screwdriver Set



The Offset Screw Drivers illustrated are well adapted for work in the "hard-to-get-at" places and are well suited for ignition, carburetor, generator and starter work. Forged from selected alloy steel, correctly hardened and tempered to withstand strain. Can be purchased singly or in complete sets of four in canvas roll, as illustrated.

No. 0672 Set in Roll.

No.	Size Stock	Length
0668	5/32"	3"
0669	$\frac{5/32''}{1/4''}$	4"
0670	5/16" 3/8"	5"
0671	3/8"	6"



### Gray-Bonney Special Screw Drivers

3012 Adjusting



This short, sturdy screwdriver is invaluable for work in confined spaces and on overhead tappet adjustments. The blade is formed from alloy steel and carefully heat treated.

No.	Length of Blade	Width of Tip	Overall Length
S01 S02	1-3/4"	1/4"	3-3/4" 2-3/4"

No. 001 Pocket Size



A very handy screw driver for the mechanic. Clip for holding driver in pocket supplied with each driver. Blade heat treated and handle non-conducting composition. Tip 1/8", length 2".

#### No. 00A Midget

A tiny screwdriver that is ideal for use on delicate electrical and ignition apparatus. The blade is only 1-1/2" long with a 1/16" tip, with an overall length of 2-7/8". Handle is of non-conductor type.

### No. E02 Neon Tube Pocket Type



Neon Tube in the handle for testing spark plugs; a tough composition handle that is a non-conductor of electricity. A wire guard that slips down over the tip and protects the pocket; a magnetized tip; and a strong pocket clip. The blade is made of alloy steel and is firmly anchored in the handle. Length of blade, 2-1/4"; width of tip, 1/8".

### No. E03 Neon Tube Electrical Type



A most useful tool for automotive and electrical work. Built to stand hard usage. Has Neon Tube in

When testing spark plugs, a brilliant orange flash shows plug is O.K. Completely shorted plugs produce no flash. A stringy flash shows plug is partly fouled. Size, 3"; width of tip, 3/16".

Extra Neon Tubes can be supplied.

NOTE—Owing to the delicate construction of the blades in 001, 00A, E02 and E03 drivers and the Neon tubes in E02 and E03, they are not guaranteed against breakage.

#### Hold-E-Zee Screw Drivers



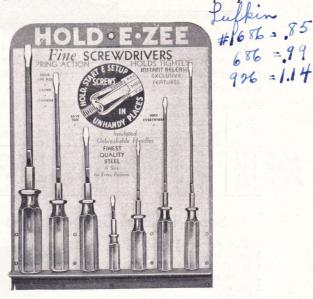
Hold-E-Zee Screw Drivers will hold screws firmly, and will save much valuable time. Handles are of tough composition, with blades carefully heat treated.

No.	Blade Size	Overall Length
RH2	5/32" x 2"	4"
RH3	5/32" x 3"	5-1/2''
TR4	5/32" x 4"	6-3/4"
TR6	$5/32'' \times 6''$	9-5/8"
TR8	5/32" x 8"	11-5/8''
TR10	5/32" x 10"	13-1/2"
TC2	$7/32'' \times 1-3/4''$	4-1/4"
TS4	7/32" x 4"	7-3/4"
TS7	7/32" x 7"	10-1/4"
TH8	5/16" x 8"	12-3/4"

NOTE—Owing to the delicate construction of these screw drivers we are positively unable to guarantee either the clip or the blade.

Dealers' Assortments and Displays

686 = 99



No. 8 Assortment. This attractive stand contains three dozen screwdrivers, eight different types on display, with the balance in its base.

11-RH2; 6-RH3; 4-TR4; 3-TR8; 2-TC2; 2-TS4; 6-TS7; 2-TH8.

No. D17 Assortment. The display front holds one each of RH2, TR4, TR6, TR8, TS4, TS7 and TH8, with a back-up stock of ten screwdrivers—two each of RH2, TR4, TR6, TS4 and TS7.



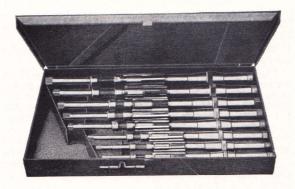
### Expansion Reamers and Honing Sets

### Expansion Type Reamers

Improved Design — 50% Faster



The improved design of these expansion type reamers is a very definite improvement over the old type. The staggered or unevenly spaced blades set at the correct angle, together with the special retaining collars, eliminates chatter and doubles the life of the reamer. They are constructed so that pilots may be quickly and easily attached, thus doubling the utility of the reamer. The pilots may be purchased separately and will fit all Critchley type reamers.



Set No. L03 (with Pilots Attached)

No. LO1 Set contains 8 reamers without pilots from 15/32'' to 1-1/16'' (sizes A-H) in neat metal box.

No. LO3 Set contains the same reamers as LO1 Set, but with pilots attached.

### Individual Reamer Specifications

No.	Size	Cutter Length	Overall Length	No. of Blades
A	15/32" to 17/32"	2"	5-1/4"	6
В	17/32" to 19/32"	2"	5-3/4"	6
C	19/32" to 21/32"	2-1/4''	6-1/4''	7
D	21/32" to 23/32"	2-1/4''	6-3/4''	7
E	23/32" to 25/32"	2-1/2''	7-1/4"	7
F	25/32" to 27/32"	2-1/2''	7-3/4"	7
G	27/32" to 15/16"	3"	8-1/4"	7
H	15/16" to 1-1/16"	3"	8-3/4"	7
I	1-1/16" to 1-3/16"	3-1/2''	10"	7
J	1-3/16" to 1-11/32"	3-1/2''	11"	7
K	1-11/32" to 1-17/32"	4"	12"	7
L	1-17/32" to 1-25/32"	4"	13"	7

NOTE—When ordering pilots only, simply specify the reamer size.

### No. L0925 Hydraulic Brake Cylinder Hone

Simple but sturdy construction makes it easy and inexpensive to operate and assures long, satisfactory service.

Each body has two sets of three slots: one set of three milled shallow and the other set of three milled 1/32'' deeper.

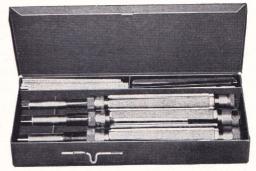
One set of blades expands 1/16 of an inch in each set of slots or, moving them from one set of slots to another gives 1/8 of an inch expansion; using the three sets of blades in this manner gives 3/8 of an inch expansion in each body so that the set described below with the three bodies has a range of from 3/4" to 1-7/8", which covers practically all pleasure cars and trucks.



No. LO925—Range 3/4" to 1-7/8", contains three bodies, three sets of three blades (small, medium and large), with abrasives mounted, eighteen extra abrasives (nine coarse and nine fine). Special 1" cup screw to be used on medium size body when honing step bore cylinders and flexible driving shaft adaptable to 1/4" or 1/2" electric drill, put up in neat metal box.

### No. L0200 Honing Set

Ream the Hole Slightly Small Then Do the Accurate Fitting With the Hone



No. L0200, as illustrated, consisting of three hones, nine refills (3 sets), one set of shims (3), and one set of burnishers (3).

No. L0201—Coarse abrasives (1 dozen).

No. L0201F-Fine abrasives (1 dozen).

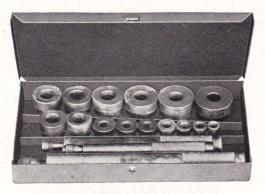
No. L0202-Set of three burnishers.

No. L0203-Set of three shims.

### Bushing Set, Wheel Pullers and Gear Pullers

### No. L0875 Bushing Removers

This bushing remover set should be in every up-to date garage and repair shop where modern cars are serviced. The sizes have been carefully selected, making it possible to service practically every car, truck and tractor. It will be found invaluable on water pump, king bolt, starter, and the many other bushings found on the present day car.



These tools are made of high grade steel and are carefully heat treated for long life and hard usage. The complete set contains 17 bushings, three arbors complete with retaining nuts. Packed in sturdy metal case.

### Gear Pullers

This new and improved Gear Puller with special gripping feature, will handle all types of gears, pinions, etc., better than anything previously offered. The double end jaws are thin and shaped so that slipping is impossible. Light in weight, yet strong enough for the toughest job.

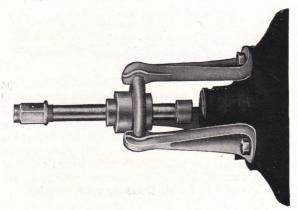


No. 1001 with 1/2" screw, 6" long, and jaws having a spread of 6", by 3-1/2" in length, is ideal for small work.

No. 1002 is an "all purpose" tool which will handle a wide range of work. Jaws are 5-1/2" long, with a spread of 8". Screw is 9" long by 5/8" diameter.

No. 1003 is equipped with 9" jaws—spread 12".

No. 827 Universal Wheel Puller



The best, simplest, and sturdiest wheel puller ever developed. Has tremendous power, yet cannot bend or otherwise damage the wheel lugs.

With the regular legs, shown above, it works perfectly on over 98% of all makes of cars.

The screw has very fine threads, which give it an extremely powerful leverage. In addition, the puller is equipped with a sliding bearing through which the driving screw rides. This feature makes it possible for the operator to attach the puller to the studs, then draw the screw tightly against the axle and with a light blow of a hammer, remove the most stubborn hub. Extends to include 8 inch bolt circle.

Another feature is the floating cap on the screw end. This centers on the axle, avoiding injury to either axle or puller.

The driving end is forged with a hexagon head which firmly holds the driving handle. The handle driving bar can be eliminated if it is desired to turn the screw up with an ordinary socket or open end wrench.

No. 827L - Extra Leg for Above

No. 827H Handle



Designed especially for No. 827 Wheel Puller. Drop forged and heat treated.

### No. 827V Wheel Puller Adaptor



This adaptor will work on all Ford V-8 hubs from 1936 to date. Engage two of the puller arms in the bolts and slide the adaptor over the hub groove. Apply pressure by means of the pressure screw, and a straight steady pull will result.



### Gray-Bonney Special Service Station Tools

#### No. 842 Drain Plug Wrench



Drop forged from special steel to service practically all cars.

### No. 522 Angle Nose Battery Plier



The handiest plier ever designed for battery work. Angle Nose Type. 7-1/2" long.

#### No. PHI9 Tire And Rim Hammer



Drop forged from high grade steel and carefully heat treated. This Tire and Rim Hammer is specially designed for all types of work where such a tool is needed. Weight, 3 lbs. Length overall, 16".

### No. PH30 Tire Mallet



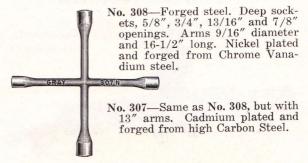
No. PH30—Has rubber composition head which excels hickory for durability. It will not shatter, chip or split. Handle is of hickory. Head 2-1/2" in diameter, 4-1/2" long. Handle is 11-1/2" long.

### No. 840 Wire Scratch Brush



A good quality brush for removing dirt and grease on tires and rims.

### Four Way Rim Wrenches



#### Truck Rim Wrenches



The truck rim wrenches shown below will cover practically all wheel nuts on present day trucks.

1258	1-1/2" Hex. x 13/16" Sq.
1259	59/64" Hex. Opening
7940	13/16" Sq. x 1-1/8" Hex.
7944	7/8'' Hex. x $1-1/16''$ Hex.
7944A	7/8" Hex. x 1-3/16" Hex.
1258B	Cross Bar

No. 1258-Fits Ford, Dodge and Fargo.

No. 1259-Fits Leyland.

No. 7940-Fits Budd wheels.

No. 7944-Fits International.

No. 7944A-Fits G.M.C., Diamond T, Reo, Federal.

### No. M6T Spoon Type Tire Iron



Straight pattern for trucks and passenger cars. Length 23''.

### No. M7T Spoon Type Tire Iron

Curved pattern for trucks and passenger cars. Length 23".

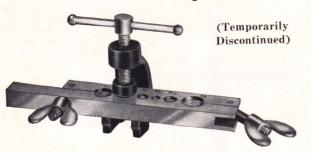
### No. M5 Special Lock Ring Tool

For service on trucks with solid and split rings. Length 20".



### Refrigeration Tools

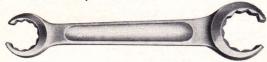
### No. RF46 Flaring Tool



A simple, fast, efficient tool for quickly and accurately flaring copper and other tubing having 3/16", 1/4", 5/16", 3/8", 1/2" and 5/8" O.D. Oversize wing nuts securely lock tubing in holes threaded to prevent slipping. Open side flaring yoke attaches instantly to flaring bars. The flaring head is of the self-centering type, assuring easy, perfect flaring. A fine tool, reasonably priced for working in close quarters on gas lines, hydraulic brake lines, etc. Net weight 2-1/4 lbs.

#### Flare Nut Wrenches

Open End—Box Type



These open end, box type wrenches have been designed especially for making flare nut adjustments. They are drop-forged of 'CV' Chrome-Vanadium Steel, Chromium plated with polished heads. They are long, thin and with panelled handles, permitting a firm, comfortable grip. Heads have double hexagon openings.

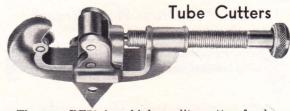
No.	Openings	S.A.E. Flare Size	Lgth.
RF54A	34" & 7/8"	3/16", 1/4", 5/16" & 3/8"	8"
RF54	34" & 1"	3/16", 1/4", 5/16" & 7/16", 1/2"	8"
RF55A	7/8" & 1"	3/8" & 7/16", 1/2"	9½"
RF55	7/6" & 11/8"	3/8" & 5/8"	9½"

### Tube Bender Set No. RF66

Every service man should have a complete set of these tube benders in his kit. The set consists of one each of the following sizes.



No.	For Size Tubing	No.	For Size Tubing
RF60	1/4"	RF63	7/16"
RF61 RF62	5/16" 3/8"	RF64 RF65	1/2" 5/8"



The new RF70 is a high quality cutter for brass and copper tubing from 1/8" to 1". The razor edge cutting wheel and tension spring in the roller housing eliminates burr and prevents distortion of the tube.

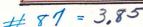
#### No. RF81 Set - 28 Pieces



In the No. RF81 Set will be found practically all of the sockets and attachments, including the popular Bonney No. RF45 Reversible Ratchet, that the refrigeration service man will need on all ordinary jobs. In addition three thin wall, double hexagon special refrigeration box wrenches are included.

All are packed in a heavy gauge metal box, attractively finished, which measures  $8.5/8'' \times 5.3/4'' \times 1.1/4''$ .

).	Description  1/4" Hexagon Socket (1/4" Square Drive)			
	97.11 11 11 (1/1/5			
	5/6" Double Hexagon Socket (1/4" Square Drive)			
	11/3" " " " " " " " " " " " " " " " " " "			
	7/8" " " " " " " "			
	Sliding 'T' Handle 414" long (1/" Square Drive)			
	Sliding 'T' Handle, 4½" long (¼" Square Drive) Extension, 6" long (¼" Square Drive)			
	½" Double Hexagon Socket (¾ Square Drive)			
	9/16" " " " " " " " " " " " " " " " " " "			
	5/8" " " " " " " " "			
١	Extension, 6" long (3%" Square Drive)			
	Sliding 'T' Handle, 8" long (3%" Square Drive)			
	Valve Stem Socket (¼" Male Drive)			
	" " " " " "			
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	Packing Gland Nut Socket (¼" Male Drive)			
	a a a a a a			
	u u u u u u			
	Kerotest Valve Packing Nut Socket (1/4" Male Drive)			
	1/4" x 1/4" Adaptor			
	1/4" x 3/8" "			
	Reversible Refrigeration Ratchet (1/4" Sq. Ratchet Openi			
	3/8 x 1/16" Thin Wall Double Hexagon Box Wrench			
	1/2" & 9/6" a a a a a a a a a a a a a a a a a a a			





### Gray-Bonney Tool Boxes

### Gray-Bonney Tool Chests

Designed for the Work Bench

SB Box



The No. SB tool box is built to give you a big tool box at low cost. Heavy gauge steel with spot welded construction and with the convenience of a separate tote tray. This is real box value and large enough to hold the average mechanic's hand tool kit. Furnished with large carrying handle, padlock hasp, and finished in blue baked enamel. Measures inside: 21" x 7-1/2" x 8-1/8".

#### 80B Box



For the junior mechanic or apprentice who is beginning to build up his set, this box is a little smaller than the No. SB, but is built of the same heavy gauge steel and of the same spot welded construction. Equipped with lift out socket tray, strong carrying handle, padlock hasp. Finished in blue baked enamel. Measures inside 21" x 7" x 6".

### **Duplex Tool Boxes**

Gray-Bonney line of Duplex "all steel" tool boxes will give the mechanic who takes pride in his tools the type of box he requires. Their rugged construction gives ample strength, yet by a slight pressure on the handle, the box is open and the tools ready to

#### No. 100 Series

High quality boxes, having two trays on each side of handle. Three sizes available.



No. 114B-14" x 8" x 7-3/4"-Weight 9 lbs. No. 119B—19" x 8" x 7-3/4"—Weight 17-1/2 lbs.

No. 121B-21" x 8" x 7-3/4"-Weight 20 lbs.

### No. 500 Series

Specially designed for the mechanic with a limited amount of tools to carry around.



No. 514B—14" x 8" x 6"—Weight 7 lbs.

No. 517B—17" x 8" x 7"—Weight 11 lbs.

No. 521B-21" x 8" x 6"-Weight 16 lbs.

#### Mechanics' Tool Boxes

Steel boxes as used in socket sets make excellent tool chests. Their sturdy steel construction makes them ideal for automotive mechanics, millwrights and plant engineers. Listed below is a complete assortment of boxes of this type. All are finished in attractive baked enamel.

No.	Length	Width	Depth
80B	21"	7"	6"
82B	22-1/2''	5-3/8"	3-5/8''
461B	20-1/4''	6-1/2''	1-11/16"
1400B	15-7/8''	3-3/8"	1-3/4''
TG20B	17-1/4''	5"	1"
SB	21"	7-1/2''	8-1/8"

